



General Services Administration
Federal Supply Service

Authorized Federal Supply Schedule Price List

IT Schedule

General Purpose Commercial Information Technology
Equipment, Software and Services

SIN 132-51 – Information Technology Professional Services

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT System Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design & Integration Services
FPDS Code D308	Programming Services
FPDS Code D308	Millennium Conversion Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D317	Other Information Technology Services, Not Elsewhere Classified

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic, production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 3: This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performed by the publisher or manufacturer or one of their authorized agents.

SIN 132-12 MAINTENANCE OF IT EQUIPMENT AND SOFTWARE

FPDS Code J070 Third Party Maintenance

SIN 132-33 – PERPETUAL SOFTWARE LICENSE

SIN 132-34 – SOFTWARE MAINTENANCE

Contract Number: GS-35F-0200J

Period of Performance: 01/21/04 – 01/20/09

Price list current through Modification #P00037 6 February 2006

Products and ordering information are in this Authorized Information Technology Schedule Price List. List is also available on the **GSA Advantage!** System. Agencies can browse **GSA Advantage!** by accessing GSA's Home Page via the Internet at <http://www.fss/gsa.gov>.



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INFORMATION FOR ORDERING ACTIVITIES

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micro-purchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage! on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage! and the Federal Supply Service Home Page (www.fss.gsa.gov) contains information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micro-purchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. GEOGRAPHIC SCOPE OF CONTRACT

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, D.C., and U.S. Territories. Domestic delivery also includes a port of consolidation point, within the aforementioned areas, for orders received from overseas activities. Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION

Note: IT70 Contract GS-35F-0200J formally held in the name of Computer & Hi-Tech Management, Inc., novated to FC Business Systems, inc. by mod 0036 dated 7/26/2005.

For Orders and Payments
FC Business Systems, Inc.
3060 Williams Drive, Suite 600
Fairfax, VA 22031-4648

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

Below are the telephone numbers that can be used by ordering activities to obtain technical and/or ordering assistance:

Phone: 703-752-8400
Fax: 703-560-1396

3. LIABILITY FOR INJURY OR DAMAGE

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. STATISTICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279

Block 9: Order/Modification Under Federal Schedule
Block 16: Data Universal Numbering System (DUNS) 11-620-2318
Block 30: Type of Contractor - B. Small Business for NAICS codes incorporating 1500 employee size standard
Block 31: Woman-Owned Small Business - No
Block 36: Contractor's Taxpayer Identification Number (TIN) 62-1211446

CAGE CODE: O1EQ2

Contractor is registered with the Central Contractor Registration (CCR) Database.

Contractor has completed the annual representations and certifications electronically at <http://orca.bpn.gov>.

5. AUTHORIZED NEGOTIATORS

The offeror shall, in the spaces provided below, fill in the names of all persons authorized to negotiate with the Government in connection with this request for proposals or quotations. (List the names, titles, telephone numbers and electronic mail address of the authorized negotiators.)

Mike M. Zarou, Vice President, Contracts, (703) 752-8417, mike.zarou@fcbs.com
Deborah R. Blakeman, Director, Contracts, (703) 752-8420, deborah.blakeman@fcbs.com
Sheila Gaskins, Contracts Manager, (703) 752-8453, sheila.gaskins@fcbs.com
Jenny Stennett, Contracts Manager, (757) 216-5319, jenny.stennett@fcbs.com
Marie Denoyer, Contracts Manager, (703) 752-8419, marie.denoyer@fcbs.com
Ray Sterne, Contracts Manager, (703) 752-8418, ray.sterne@fcbs.com

6. FOB Destination

7. DELIVERY SCHEDULE

a. Time of Delivery: The contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below.

SPECIAL ITEM NUMBER	DELIVERY TIME (DAYS ARO)
132-51	30 days ARO

b. Urgent Requirements: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the contractor for the purpose of obtaining accelerated delivery. The contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the contractor in writing.) If the contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.



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8. DISCOUNTS

- a. Prompt Payment: None, net 30 days ARO
- b. Quantity: None
- c. Dollar Volume: None
- d. Government Educational Institutions: Same as other government customers
- e. Other: None

9. TRADE AGREEMENTS ACT OF 1979, AS AMENDED

All items are U.S. made end products, designated country and products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

10. STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING

N/A

11. SMALL REQUIREMENTS

The minimum dollar value of orders to be issued is one full working day for any labor category.

12. MAXIMUM ORDER

All dollar amounts are exclusive of any discount for prompt payment.

Special Item 132-51 - Information Technology Professional Services.

The maximum dollar value per order will be \$500,000.

13. USE OF FEDERAL SUPPLY SERVICE INFORMATION TECHNOLOGY SCHEDULE CONTRACTS

In Accordance with FAR 8.404:

"Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering activities need not seek further competition, synopsise the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering activities have concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the ordering activity's needs."

a. Orders placed at or below the micro-purchase threshold: Ordering activities can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.

b. Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold: Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering activities should consider reasonably available information about the supply or service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/pricelists of at least three Schedule Contractors and selecting the delivery and other options available under the schedule that meets the ordering activity's needs. In selecting the supply or service representing the best value, the ordering activity may consider:

- (1) Special features of the supply or service that are required in effective program performance and that are not provided by a comparable supply or service;
- (2) Trade-in considerations;
- (3) Probable life of the item selected as compared with that of a comparable item;
- (4) Warranty considerations;
- (5) Maintenance availability;
- (6) Past performance; and
- (7) Environmental and energy efficiency considerations.

c. Orders exceeding the maximum order threshold: Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering activity to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering activities shall—

- (1) Review additional Schedule Contractors' catalogs/pricelists or use the "GSA Advantage!" on-line shopping service;
- (2) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and
- (3) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering activity determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, the Contractor may:

- (1) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);
- (2) Offer the lowest price available under the contract; or
- (3) Decline the order (orders must be returned in accordance with FAR 2.216-19).

d. Blanket purchase agreement (BPA): The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. Ordering activities may use BPAs to establish accounts with Contractors to fill recurring requirements. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.

e. Price reductions: In addition to the circumstances outlined in paragraph c, above, there may be instances when ordering activities will find it advantageous to request a price reduction. For example, when the ordering activity finds a schedule supply or service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering activity the opportunity to secure greater discounts. Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order.

f. Small business: For orders exceeding the micro-purchase threshold, ordering activities should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.



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g. Documentation: Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an ordering activity requirements in excess of the micro-purchase threshold is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the ordering activity shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the ordering activity's needs.

14. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS REQUIREMENTS

Ordering activities acquiring products from the Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

14.1 Federal Information Technology/Telecommunication Standards Publications (FIPS PUBS): Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Office, both at the above address, or telephone number (703) 487-4650.

14.2 Federal Telecommunications Standards (FED-STDS): Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Supply Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202) 619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number 301/975-2833.

15. SECURITY REQUIREMENTS

In the event security requirements are necessary, the ordering activities may incorporate, in their delivery order(s), a security clause in accordance with current laws, regulations, and individual ordering activity policy; however, the burden of administering the security requirements shall be with the ordering activity. If any costs are incurred as a result of the inclusion of security requirements, such costs will not exceed ten percent (10%) or \$100,000 of the total value of the order, whichever is lesser.

16. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES

Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Office under provisions of FAR 52.212.4, paragraphs (1) Termination for the Ordering Activity's Convenience, and (M) Termination for Cause (see C.1).

17. GSA ADVANTAGE

The GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- a. Manufacturer;**
- b. Manufacturer's Part Number; and**
- c. Product category(ies).**

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.fss.gsa.gov/>

18. PURCHASE OF OPEN MARKET ITEMS

Note: Open Market Items are also known as incidental items, non-contract items, non-Schedule Items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.401(d).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items --- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, only if --

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g. publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19);
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

19. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the contractor.

The above is not intended to encourage items not currently covered by the GSA Schedule Contract.



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20. OVERSEAS ACTIVITIES

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

No exceptions.

Upon request of the contractor, the ordering activity may provide the contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract (Purchase, Maintenance, and Repair Service).

21. BLANKET PURCHASE AGREEMENT (BPA)

Federal Acquisition Regulation (FAR) 13.201(a) defines a Blanket Purchase Agreement (BPA) as "... a simplified method of filling anticipated repetitive needs for supplies or services by establishing 'charge accounts' with qualified sources of supply." The use of Blanket Purchase Agreements under the Federal Supply Schedule Program is authorized in accordance with FAR 13.202(c) (3), which reads, in part, as follows:

"BPAs may be established with Federal Supply Schedule Contractors, if not inconsistent with the terms of the applicable schedule contract."

Federal Supply Schedule contracts contain BPA provisions to enable schedule users to maximize their administrative and purchasing savings. This feature permits schedule users to set up "accounts" with schedule Contractors to fill recurring requirements. These accounts establish a period for the BPA and generally address issues such as the frequency of ordering and invoicing, authorized callers, discounts, delivery locations and times. Agencies may qualify for the best quantity/volume discounts available under the contract, based on the potential volume of business that may be generated through such an agreement, regardless of the size of the individual orders. In addition, agencies may be able to secure a discount higher than that available in the contract based on the aggregate volume of business possible under a BPA. Finally, Contractors may be open to a progressive type of discounting where the discount would increase once the sales accumulated under the BPA reach certain prescribed levels. Use of a BPA may be particularly useful with the new Maximum Order feature. See the Suggested Format, contained in this Schedule Pricelist, for customers to consider when using this purchasing tool.

22. CONTRACTOR TEAM ARRANGEMENTS

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

23. INSTALLATION, DEINSTALLATION, REINSTALLATION

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply

contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, de-installation, and reinstallation services under SIN 132-8.

24. SECTION 508 COMPLIANCE

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following:

www.fcbs.com

The EIT standard can be found at: www.Section508.gov

25. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization with each order.

(a) A copy of the authorization from the Agency with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b) The following statement:

This order is placed under written authorization from ____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.



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TERMS AND CONDITIONS

PART I - PROFESSIONAL SERVICES

PART II - MAINTENANCE SERVICES

PART III - PERPETUAL SOFTWARE LICENSE AND SOFTWARE MAINTENANCE

PART I

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

1. SCOPE

a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Services within the scope of this Information Technology Schedule.

b. The Contractor shall provide services at the Contractor's facility and/or at the Government location, as agreed to by the Contractor and the ordering activity.

2. ORDERING PROCEDURES

a. Procedures for IT professional services priced on GSA schedule at hourly rates:

(1) FAR 8.402 contemplates that GSA may occasionally find it necessary to establish special ordering procedures for individual Federal Supply Schedules or for some Special Item Numbers (SINs) within a Schedule. GSA has established special ordering procedures for IT professional services (SIN 132-51) that are priced on schedule at hourly rates. These special ordering procedures which are outlined herein take precedence over the procedures in FAR 8.404.

(2) The GSA has determined that the rates for IT professional services contained in this price list are fair and reasonable. However, the ordering activity using this contract is responsible for considering the level of effort and mix of labor proposed to perform a specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

(3) When ordering IT professional services ordering activities shall –

(i) Prepare a Request for Quotation:

(A) A performance-based statement of work that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.

(B) A request for quotation should be prepared which includes the performance-based statement of work and requests the contractors submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering activity makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor hour or time-and-materials proposal may be requested. The firm-fixed price shall be based on the hourly rates in the schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. The firm-fixed price of the order should also include any travel costs or other incidental costs related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor hour and time and material orders.

(C) The request for quotation may request the contractors, if necessary or appropriate, submit a project plan for performing the task and information on the contractor's experience and/or past performance performing similar tasks.

(D) The request for quotation shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience

and/or past performance information in determining technical acceptability of responses. If consideration will be limited to schedule contractors who are small business concerns as permitted by paragraph (ii)(A) below, the request for proposals shall notify the contractors that will be the case.

(ii) Transmit the Request for Quotation to Contractors:

(A) Based upon an initial evaluation of catalogs and price lists, the ordering activity should identify the contractors that appear to offer the best value (considering the scope of services offered, hourly rates and other factors such as contractors' locations, as appropriate). When buying IT professional services under SIN 132-51 ONLY, the ordering activity, at its discretion, may limit consideration to those schedule contractors that are small business concerns. This limitation is not applicable when buying supplies and/or services under other SINs as well as SIN 132-51. The limitation may only be used when at least three (3) small businesses that appear to offer services that will meet the ordering activity's needs are available, if the order is estimated to exceed the micro-purchase threshold.

(B) The request for quotation should be to three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not to exceed the maximum order threshold. For proposed orders exceeding the maximum order threshold, the request for proposal should be provided to additional contractors that offer services that will meet the ordering activity's needs. Ordering activities should strive to minimize the contractors' costs associated with responding to requests for proposals for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement.

(iii) Evaluate quotations and select the contractor to receive the order:

After responses have been evaluated against the factors identified in the request for quotation, the order should be placed with the schedule contractor that represents the best value and results in the lowest overall cost alternative (considering price, special qualifications, administrative costs, etc.) to meet the ordering activity's needs.

(4) The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering activity the opportunity to secure volume discounts. When establishing BPAs ordering offices shall –

(i) Inform contractors in the request for quotation (based on the ordering activity's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.

(A) SINGLE BPA: Generally, a single BPA should be established when the ordering activity can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the ordering activity's needs should be awarded the BPA.

(B) MULTIPLE BPAs: When the ordering activity determines multiple BPAs are needed to meet its requirements, the ordering activity should determine which contractors can meet any technical qualifications before establishing the BPAs. When multiple BPAs are established, the authorized users must follow the procedure in (3)(ii)(B) above, and then place the order with the schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the ordering activity's needs.

(ii) Review BPAs periodically. Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value (considering price, special qualifications, etc.) and results in the lowest overall cost alternative to meet the ordering activity's needs.

(5) The ordering activity's office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.

(6) STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(A) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work



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is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(B) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(C) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(D) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order

(7) The ordering office, at a minimum, should document orders by identifying the contractor the services were purchased from, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For order activity's requirements in excess of the micro-purchase threshold, the order file should document the evaluation of schedule contractors' proposals that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.

b. Ordering Procedures for other services available on schedule at fixed prices for specifically defined services or tasks: Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering offices need not seek further competition, synopses the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering office has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the Government's needs.

(1) Orders placed at or below the micro-purchase threshold: Ordering activity offices can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.

(2) Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold: Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering offices should consider reasonably available information about the service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/price lists of at least three Schedule Contractors and selecting the delivery and other options available under the schedule that meets the ordering activity's needs. In selecting the service representing the best value, the ordering office may consider— (i) special features of the service that are required in effective program performance and that are not provided by a comparable service; and (ii) past performance.

(3) Orders exceeding the maximum order threshold: Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering office to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering offices shall—

(i) Review additional Schedule Contractors' catalogs/price lists or use the "GSA Advantage!" on-line shopping service;

(ii) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and

(iii) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering office determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, the Contractor may:

- (A) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);
- (B) Offer the lowest price available under the contract; or
- (C) Decline the order (orders must be returned in accordance with FAR 52.216-19).

(4) Blanket purchase agreements (BPAs): The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. Ordering offices may use BPAs to establish accounts with Contractors to fill recurring requirements. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.

(5) Price reductions: In addition to the circumstances outlined in paragraph (3), above, there may be instances when ordering offices will find it advantageous to request a price reduction. For example, when the ordering office finds a schedule service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering office the opportunity to secure greater discounts. Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order.

(6) Small business: For orders exceeding the micro-purchase threshold, ordering offices should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.

(7) Documentation: Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an ordering activity requirement in excess of the micro-purchase threshold is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the ordering office shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the ordering activity's needs.

3. ORDER

a. Agencies may use written orders, EDI orders, blanket purchase agreements individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering office.

b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering office.

c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established



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Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5. INSPECTION OF SERVICES

The Inspection of Services–Fixed Price (AUG 1996) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

6. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character.

7. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering office shall permit Contractor access to all facilities necessary to perform the requisite IT Services.

8. INDEPENDENT CONTRACTOR

All IT Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the Government.

9. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor

An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed Government contract, without some restriction on activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the Government, ordering offices may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

10. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT/EC services. Progress payments may be authorized by the ordering office on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

11. PAYMENTS

For firm-fixed price orders the Government shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts (Alternate I (APR 1984)) at FAR 52.232-7 applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts (FEB 1997) (Alternate II (JAN 1986)) at FAR 52.232-7 applies to labor-hour orders placed under this contract.

12. RESUMES

Resumes shall be provided to GSA's Contracting Officer or the ordering activity upon request.

13. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

14. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

15. DESCRIPTION OF IT SERVICES AND PRICING

See IT PROFESSIONAL SERVICE OFFERING section.



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PART II

TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE SERVICES FOR GOVERNMENT-OWNED GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT (AFTER EXPIRATION OF GUARANTEE/WARRANTY PROVISIONS AND/OR WHEN REQUIRED SERVICE IS NOT COVERED BY GUARANTEE/WARRANTY PROVISIONS) AND FOR LEASED EQUIPMENT (SPECIAL ITEM NUMBER 132-12)

1. SERVICE AREAS

a. The maintenance and repair service rates listed herein are applicable to any Government location within a twenty-five (25) mile radius of the Contractor's service points. If any additional charge is to apply because of the greater distance from the Contractor's service locations, the mileage rate or other distance factor shall be stated in paragraphs 6.d and 7.d of this Special Item Number 132-12.

b. When repair services cannot be performed at the Government installation site, the repair services will be performed at the Contractor's plant(s) listed below:

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2700 Avenger Drive, Suite 110

Virginia Beach, Virginia 23452

NOTE: Please call first (757) 216-5300

2. MAINTENANCE ORDER

a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lesser period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee / warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.

c. Maintenance may be discontinued by the Government on thirty (30) calendar days' written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the Government may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.

d. Annual Funding. When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.

e. Cross-year Funding Within Contract Period. Where an ordering office's specific appropriation authority provides for funds in excess of a 12 month, fiscal year period, the ordering office may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

f. Ordering activity should notify the Contractor in writing thirty (30) calendar days prior to the expiration of maintenance service, if maintenance is to be terminated at that time. Orders for continued maintenance will be required if maintenance is to be continued during the subsequent period.

3. LOSS OR DAMAGE

When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

4. SCOPE

a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.

b. Equipment placed under maintenance service shall be in good operating condition.

(1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.

(2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.

(3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

5. RESPONSIBILITIES OF THE ORDERING ACTIVITY

a. Ordering Activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.

b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

6. RESPONSIBILITIES OF THE CONTRACTOR

For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the Government that service is required. Within the service areas, this repair service should normally be done within four (4) hours after notification.

7. MAINTENANCE RATE PROVISIONS

a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the Government.

b. **Regular hours:** The basic monthly rate for each make and model of equipment shall entitle the Government to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the Government location.

c. **After hours:** Should the Government require that maintenance be performed outside of Regular Hours, charges for such maintenance, if any, will be specified in the pricelist. Periods of less than one hour will be prorated to the nearest quarter hour.

d. **Travel and transportation:** If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor's service area, the charge will be:

FCBS Response Center		
Zone 1	0 to 25 miles	Base Rate(\$2.60/mile)
Zone 2	26 to 50 miles	\$2.99/mile
Zone 3	51 to 75 miles	\$3.38/mile
Zone 4	76 to 100 miles	\$3.64/mile
Zone 5	100 miles +	\$3.90/mile



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Portal to Portal Charges		
	Zone	Outside Zone 1
M-F Business Hours	One-Way	Two-Way
M-F Outside Business Hours Sat., Sun & Holidays	Two-Way	Two-Way

Total Time = Travel time + Repair time

Total Charge = Total time + Repair parts

e. Quantity discounts: Quantity discounts from listed maintenance service rates for multiple equipment owned and/or leased by a Government ordering activity are indicated below:

Quantity Range	Discounts
None (Units)	No (%)

f. Software time and materials (T&M) rates: For equipment and software maintenance not covered by GSA Schedule defined line items, the following time charges plus materials at cost apply.

Software Hourly Labor Rate		
Equipment Category	FCBS Normal Business Hours	Outside Normal Business Hours
Large Computer Systems	\$165/hour	\$247.50/hour
High Complexity	\$150/hour	\$195.00/hour
Medium Complexity	\$125/hour	\$162.50/hour
Low Complexity	\$80/incident	\$104.00/incident

Equipment Classes and Standard Maintenance Services		
Class	Product Family	Standard Service
Low Complexity	Low end, Electronic Cash Registers, PCs and Peripherals.	The ordering activity is entitled to service availability from 8:00 AM and 5:00 PM, Monday through Saturday, excluding holidays and a one hour meal period.
Medium Complexity	Retail ATMs, Sorters, Systems	The ordering activity may select a shift of 9 consecutive hours, Proof and Encoding between 8:00 AM and Midnight, Monday through Saturday (excluding holidays). Coverage must be selected by mutual agreement between the ordering agency and FCBS and all equipment of the Class must be of the same coverage hours. However, the Government must select the same 8 consecutive hours for all equipment of a specific class.
High Complexity	Mid-Range to large servers (excluding large computer systems, high-end EDP processors and COM equipment.	The ordering activity is entitled to coverage Monday-Friday, from 8:00 AM through 5:00 PM, excluding holidays and a 1 hour meal period. This coverage and any additional period of coverage will be without regard to the customer's actual usage of the equipment.
High Availability Systems	System 5100 M and similar	The ordering activity is entitled coverage Monday through Friday, from 8:00 AM to 5:00 PM, excluding holidays.

8. INVOICES AND PAYMENTS

a. Maintenance Service

(1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

(2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

b. Repair Service and Repair Parts/Spare Parts



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PART III

TERMS AND CONDITIONS APPLICABLE TO PERPETUAL SOFTWARE LICENSES (SIN 132-33) AND SOFTWARE MAINTENANCE (SIN 132-34) OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE BEST VALUE

1. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering must exercise its post acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the software, unless the change is due to the defect in the software.

2. GUARANTEE/WARRANTY

- a. Unless specified otherwise in this contract, the Contractor's standard commercial guarantee/ warranty as stated in the contract's commercial pricelist will apply to this contract. FCBS offers a 30-Day guarantee on all LaserFiche software and services.
- b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

3. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number (703-970-4013) for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from 8:30 a.m. to 4 p.m. eastern time, Monday through Friday.

4. SOFTWARE MAINTENANCE

- a. Software maintenance service shall include the following:
FCBS provides unlimited email and phone support between the hours of 0830 -1600 EST Monday through Friday. Customer's will receive all applicable software updates and patches as it pertains to the LaserFiche software at no additional cost as long as the customer is current under SIN 132-34, billed in areas. Contact phone numbers and email for support are (703) 970-4013, imagingssupport@fcbs.com, respectively.
- b. Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

5. PERIODS OF MAINTENANCE (132-34)

- a. The Contractor shall honor orders for periods for the duration of the contract period or a lesser period of time.
- b. Maintenance may be discounted by the ordering activity on thirty (30) calendar day's written notice to the Contractor.
- c. Annual Funding. When annually appropriated funds are cited on an order for term licenses and/or maintenance, the period of the term licenses and/or maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the term licenses and/or maintenance orders citing the new appropriation shall be required, if the term licenses and or maintenance is to be continued during any remainder of the contract period.
- d. Cross-Year Funding Within Contract Period. Where an ordering office's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, notwithstanding the intervening fiscal years.

e. Ordering activity offices should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the term licenses and/or maintenance are to be terminated at that time. Orders for the continuation of term licenses and/or maintenance will be required if the term licenses and/or maintenance is to be continued during the subsequent period.

6. UTILIZATION LIMITATIONS - (132-33, AND 132-34)

- a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.
- b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:
- (1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.
 - (2) Software licenses are by site and by agency. An agency is defined as a cabinet level or independent agency. The software may be used by any subdivision of the agency (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one agency's site. This would allow other agencies access to one agency's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user agency will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user agency's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user agency.
 - (3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third party without the prior written approval of the Contractor. Third parties do not include prime Contractors, subcontractors and agents of the government who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.
 - (4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of disaster recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.
 - (5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard commercial legend.

7. SOFTWARE CONVERSIONS - (132-32 AND 132-33)

Full monetary credit will be allowed to the Government when conversion from one version of the software to another is made as the result of a change in operating system, or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version.



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8. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY

The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered.

9. RIGHT-TO-COPY PRICING

The Contractor shall insert the discounted pricing for right-to-copy licenses.

None offered

COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENTS

COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

_____ provides commercial products and services to the Federal Government. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned businesses to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owner small businesses to promote and increase their participation in Federal Government contracts.



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BLANKET PURCHASE AGREEMENT FEDERAL SUPPLY SCHEDULE (Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act and Technology Service Corporation, enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s) _____

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as search for sources, the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, in individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the **Ordering Activity that works better and costs less.**

Signatures

ORDERING ACTIVITY _____ DATE _____

CONTRACTOR _____ DATE _____

BPA NUMBER _____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) _____, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (Ordering Activity).

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER***SPECIAL BPA DISCOUNT/PRICE**

(2) Delivery:

DESIGNATION**DELIVERY SCHEDULE/DATES**

(3) The Government estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

(4) This BPA does not obligate any funds.

(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE**POINT OF CONTACT**

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

(a) Name of Contractor;

(b) Contract Number;

(c) BPA Number;



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(d) Model Number or National Stock Number (NSN);

(e) Purchase Order Number;

(f) Date of Purchase;

(g) Quantity, Unit Price, and extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and

(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

*** IMPORTANT** - A new feature to the Federal Supply Schedules Program permits contractors to offer price reductions in accordance with commercial practice. Teaming Arrangements are permitted with Federal Supply contractors in accordance with FAR Part 9.6.

BASIC GUIDELINES FOR USING "CONTRACTOR TEAM ARRANGEMENTS"

BASIC GUIDELINES FOR USING "CONTRACTOR TEAM ARRANGEMENTS"

Federal Supply Schedule Contractors may use "Contractor Team Arrangements" (see FAR 9.6) to provide solutions when responding to an ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors. Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

The customer identifies their requirements.

Federal Supply Schedule Contractors may individually meet the customers needs, or -

Federal Supply Schedule Contractors may individually submit a Schedules "Team Solution" to meet the customer's requirement.

Customers make a best value selection.



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LABOR CATEGORY DESCRIPTIONS

1. Accounting Clerk

Functional Responsibility:

Review and verification of telecommunication charges for multi command structures and various governmental organizations. Enter call data into a call accounting software application system for record and reporting updates. Prepare typed correspondence and maintain and distribute administrative reports pertaining to customer billing. Prepare and maintain telephone inventory records. Respond to customer queries regarding telephone service and/or billing. Prepare and provide spreadsheets of customer billing to headquarters units for coordination of all telephone accounting and billing information.

Review cell phone and pager numbers and the charges with customer contracts to verify the information is correct. Usage, taxes, and other miscellaneous charges must be verified. Maintain a cell phone and pager inventory spreadsheet. Maintain spreadsheets for billing purposes. Must be familiar and trained to backup the switchboard operators as required. Other administrative duties as required.

Minimum Experience: One year of related experience

Education: High school diploma or equivalent

2. Administrative Support Specialist

Functional Responsibility:

Operates standard office machines, copiers, duplicators, adding machines, and automated work processing machines independently. Sets up and format all types of technical material including recommendations, reports, viewgraphs, tables and charts.

Minimum Experience: Two years of administrative experience with the ability to perform general office work functions such as receptionist, data entry, receipt and distribution of mail, receipt and distribution of document, maintain logs, filing, bar code processing, and document image processing.

Education: High school diploma or equivalent

3. Associate Programmer

Functional Responsibility:

Major duties include but are not limited to: writing computer programs to satisfy program specifications, performing system administration and/or DBA functions, and participating with senior personnel in all phases of the AIS development and maintenance lifecycle.

Minimum Experience: A Bachelor Degree in computer science related area or two years related experience

Education: Bachelor's Degree or equivalent.

4. Business Process Engineer

Functional Responsibility:

Identifies the mission of the business; possesses the necessary skills to develop or lead the development of a stable activity model for the business; can document or lead the documentation of the core processes currently in use within the business. Analyzes the activities within processes for added value, redundancy and consistency with process objective; defines performance measures that are outcome based and develops appropriate metrics as well as measurement methodologies; identifies opportunities for automation and/or integration that support the business' mission and goals

Minimum Experience: Seven years combined experience in line, project or general management; functional expertise in the business area; business process, systems and financial analysis.

Education: Bachelor's Degree or equivalent.

5. Business Systems Analyst

Functional Responsibility:

Under general direction, formulates and defines systems scope and objectives based on both user needs and a good understanding of applicable business systems and industry requirements. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time, and form of desired results. Includes analysis of business and user needs, documentation of requirements, and translation into proper system requirement specifications. Guides and advises less experienced Business Systems Analysts. Competent to work at the highest technical level of most phases of systems analysis while considering the business implications of the application of technology to the current and future business environment.

Minimum Experience: Seven years of related experience

Education: Bachelor's Degree or equivalent

6. Communications Engineer I

Functional Responsibility:

Develops, coordinates, designs, and implements engineering applications and applies communications and telecommunications engineering knowledge and principals to problems involving C4I communications and automated systems. Provides operational support to Local Area Networks including Ethernet (10Base2 and 10BaseT), fiber optics, ATM networks, network installation, client/host configurations, and network systems troubleshooting, testing and repair.

Minimum Experience: Three years combined experience in computing and networking.

Education: Bachelor's Degree or equivalent

7. Communications Engineer II

Functional Responsibility:

Develops, coordinates, designs, and implements engineering applications and applies communications and telecommunications engineering knowledge and principals to problems involving C4I communications and automated systems. Provides operational support to Local Area Networks including Ethernet (10Base2 and 10BaseT), fiber optics, ATM networks, network installation, client/host configurations, and network systems troubleshooting, testing and repair.

Minimum Experience: Four years combined experience in computing and networking.

Education: Bachelor's Degree or equivalent

8. Communications Engineer III

Functional Responsibility:

Develops, coordinates, designs, and implements engineering applications and applies communications and telecommunications engineering knowledge and principals to complex problems involving C4I communications and automated systems. Provides operational support to Local Area Networks including Ethernet (10Base2 and 10BaseT), fiber optics, ATM networks, network installation, client/host configurations, and network systems troubleshooting, testing and repair.

Minimum Experience: Seven years combined experience in computing and networking.



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Education: Bachelor's Degree or equivalent

9. Communications Specialist I

Functional Responsibility:

Assists communications engineers with the planning of communication requirements and configuration of communications architectures. Coordinates and assists communications operational personnel with the configuration, testing, and operation of communications requirements. Provides maintenance and technical support for telecommunications equipment and systems.

Minimum Experience: Two years experience with automated communications and telecommunications systems and their integration with electronic distribution systems including military communications systems.

Education: Bachelor's Degree or equivalent

10. Communications Specialist II

Functional Responsibility:

Conducts feasibility studies for voice/data/video communications systems. Plans, coordinates and designs communications systems and networks. Analyzes and evaluates existing and proposed telecommunications systems to ensure that the most cost-effective systems, equipments, services, and methods are used. Provides guidance and technical expertise regarding communications issues. Prepares functional specifications and technical reports and presentations on state-of-the art communications concepts, tools, and techniques.

Minimum Experience: Four years experience in the analysis and development of communications systems.

Education: Bachelor's Degree or equivalent

11. Communications Technician I

Functional Responsibility:

Assists in telephone communications systems analyses and supports plan development for providing adequate, cost effective service. Studies existing and proposed traffic loads and potential facilities and procedural changes required to recommend system changes. Enters data into reports recommending equipment acquisition based on efficiency and cost factors. Monitors performance characteristics of hardware and software associated with modifying or installing a telephone network. Analyzes test plans and results for reporting information used to review predetermined requirements. Prepares Work Authorizations and Internal Purchase Requests (IPRs), to order telephone services and equipment, based on customer requirements. Troubleshoots CPE, inside telephone building wire and Outside Plant (OSP) for defects. Recommends appropriate vendor for repairs on CPE, in-house wire or OSP.

Minimum Experience: One years of related work experience

Education: High school diploma or equivalent

12. Communications Technician II

Functional responsibilities:

Determines feasibility of adapting existing equipment and facilities to technological advancement; applies new equipment and software development to telephone communications and messaging networks servicing many organizational units which have a variety of equipment. Develops reports recommending equipment acquisition based on efficiency and cost factors. Monitors performance characteristics of hardware and software associated with modifying or installing a telephone or messaging network. Analyzes test plans and results, advising on the efficiency and effectiveness of the new hardware/software in meeting predetermined requirements. Provides technical advice, within existing guidelines/procedures on various communications functions, e.g., installations, expansions, consolidations, facilities and equipment; provides recommendations for communication requirements.

Monitors communications/ADP equipment and control of the day to day operations of defense message system components and operating systems. Conducts diagnostic and troubleshooting to resolve problems (Help Desk). Reports unresolved problems to the appropriate personnel per written instructions provided. Receive client trouble calls, prepares appropriate trouble tickets and tracks problem until resolved. Operate equipment associated with the communications/ADP environment. Coordinate with activity personnel to resolve production problems.

Minimum Experience: Three years of related work.

Education: High school diploma or equivalent

13. Communications Technician III

Functional Responsibility:

Responsible for operation of a LAN environment, including LAN hardware and software products.

Minimum Experience: Three years experience in Local Area Network (LAN) environments. Has good oral and written communications skills.

Education: Bachelor's Degree or equivalent

14. Communications Technician IV

Functional Responsibility:

Responsible for operation of a LAN environment, including LAN hardware and software products.

Minimum Experience: Four years experience in Local Area Network (LAN) environments. Has good oral and written communications skills.

Education: Bachelor's Degree or equivalent

15. Communications Technician V

Functional Responsibility:

Responsible for operation and management of a LAN environment, including LAN hardware and software products. Uses strong organizational, communications and managerial skills to lead subordinates.

Minimum Experience: Five years experience in Local Area Network (LAN) environments, with two years experience in LAN management.

Education: Bachelor's Degree or equivalent

16. Computer Hardware/Software Technician I

Functional Responsibility:

Conducts site surveys, assesses and documents current site/system configuration and user requirements. Installs new hardware and software configurations. Optimizes system configurations and network interfaces. Maintains drawings and documentation of those changes. Configures systems, communication devices, and peripheral equipment. Installs network hardware and software.

Minimum Experience: One year of related work.

Education: High school diploma or equivalent

17. Computer Hardware/Software Technician II

Functional Responsibility:

Conducts site surveys, assesses and documents current site/system configuration and user requirements and installs new hardware and software configurations. Optimizes system configurations and network interfaces.



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Analyzes existing requirements and prepares specifications or hardware/software acquisitions. Develops hardware/software installation schedules. Prepares drawings and documentation of those configuration changes. Configures systems, communication devices, and peripheral equipment. Installs network hardware and software. Trains site personnel in proper use of hardware/software and builds specialized interconnecting cables.

Minimum Experience: Three years of related work.

Education: Bachelor's Degree or equivalent

18. Computer Maintenance Field Engineer I

Functional Responsibility:

Installs equipment according to specifications. Tests, tunes, and adjusts equipment to obtain optimum operating conditions. May participate in certifications at customer sites. Responsible for maintaining quality assurance standards. Analyzes malfunctions in operational equipment and interprets maintenance manuals.

Minimum Experience: Five years of experience

Education: Bachelor's Degree or equivalent

19. Computer Maintenance Field Engineer II

Functional Responsibility:

Analyzes malfunctions in operational equipment and interprets maintenance manuals. Consults with engineering personnel to determine solutions to unusual problems in systems operation and maintenance. Conducts test and evaluation of new or modified equipment including development of test plans, test procedures, and test reports. Trains customer personnel in the installation, operation, and maintenance of equipment and systems.

Minimum Experience: Eight years of experience

Education: Bachelor's Degree or equivalent

20. Computer Operator I

Functional Responsibility:

- a. May supervise computer operations personnel in the operation of computer systems and peripheral equipment to process client data according to operating instructions. Make determinations necessary to maintain control of all computer runs and schedules.
- b. Monitor and control a computer by operating the central console or on-line terminals. Responsible for continuous observation of the console panel, storage devices, printers, readers, punches, and the action of the console typewriter to monitor the system and determine the point of equipment or program failure.
- c. Manipulate controls in accordance with standard procedures to rearrange the sequence of job steps to continue operations when individual units of the system malfunction. In the event of a malfunction, confer with technical personnel (i.e., equipment/software vendor) and advise subordinate personnel of appropriate course of action.
- d. Must have a broad knowledge of the capabilities of the hardware system. Additional duties may include writing, editing, and/or graphic presentation of technical information for both technical and non-technical personnel. Interprets technical documentation standards and prepares documentation according to the standards.

Minimum Experience: Two years experience in operating computer systems.

Education: High school diploma

21. Computer Operator II

Functional Responsibility:

Provides operations support to computer systems. Knowledge of operational procedures on UNIX and NT systems is required, as well as a knowledge of batch processing and job scheduling.

Minimum Experience: Five years experience in operation of medium to large scale timesharing IT systems with 1.5 years experience as a senior level operator.

Education: High School or equivalent

22. Computer Operator III

Functional Responsibility:

- (a) Supervise all personnel engaged in the operation and support of the computer system(s) and peripheral equipment in large scale or multi-shift operations. May also supervise complex operations which involve two or more additional functions such as network operations, systems software support, production support activities, and data entry or tape library activities.
- (b) Identify processing requirements and schedule job streams for computer runs. Responsible for the security and routing of input and output data. Responsible for problem isolation and restart/recovery. Interpret technical documentation standards and prepares documentation according to the standards. Interface with contractor employees and Government personnel.
- (c) In the event of a malfunction, confer with technical personnel (i.e., equipment/software vendor) and direct subordinate personnel in appropriate course of action. Additional duties may include writing, editing, and/or graphic presentation of technical information for both technical and non-technical personnel. Normally reports to the Facilities Manager or the Group Manager.
- (d) Must have a thorough knowledge of the capabilities of applicable computer hardware configurations.

Minimum Experience: Seven years general experience in operating computer systems, to include three years of supervisory experience

Education: High school diploma

23. Configuration Management Specialist

Functional Responsibility:

Responsible for the software and hardware configuration management for new systems development and for maintenance and enhancement of existing systems. Is required to ensure the hardware and software being supported is accurately documented, and that updates and changes to configurations are properly implemented and deployed to user sites. Ensures the integrity of the known system baseline by participating in various audits and reviews. Develops various procedures for Hardware and Software configuration Item control (i.e. computer component or software program/module). Works closely with system design, development and maintenance personnel to implement configuration management plans and procedures.

Minimum Experience: Six years of experience

Education: Bachelor's Degree or equivalent

24. Data Analyst I

Functional Responsibility:

Performs document analysis and data entry into database. Inputs source document information into the live database.

Minimum Qualification: Technical knowledge of and the ability to use computer hardware and software. Data entry experience and demonstrated analytical ability.



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Education: Two years of college

25. Data Analyst II

Functional Responsibility:

Performs document reviews, quality reviews, data analysis and on-line data entry support and contributes to the recommendation of revisions to user documentation. Compares source documents with the database for the presence of indicated person, business or vessel. Reads investigative reports and various other source documents. Analyzes and evaluates information in the documents and extracts data from the source documents to be entered into the database. With the use of an electronic access data, makes required annotations on the electronic document and updates applicable database. Resolves report ambiguities by consulting policy manuals and reference books and submits questions to supervisory personnel when faced with problems that are not readily solvable.

Minimum Experience: Twelve months experience in computer data processing. Demonstrates analytical ability. Maintains a production level of 8.4 records/hour.

Education: Two years of college

26. Data Analyst III

Functional Responsibility:

Performs document reviews, quality reviews, data analysis and on-line data entry support and contributes to the recommendation of revisions to user documentation. Compares source documents with the database for the presence of indicated person, business or vessel. Reads investigative reports and various other source documents. Analyzes and evaluates information in the documents and extracts data from the source documents to be entered into the database. With the use of an electronic access data, makes required annotations on the electronic document and updates applicable database. Resolves report ambiguities by consulting policy manuals and reference books and submits questions to supervisory personnel when faced with problems that are not readily solvable.

Minimum Experience: Twelve months experience in computer data processing. Demonstrates analytical ability. Maintains a production level of 10.1 records/hour.

Education: Two years of college

27. Data Analyst IV

Functional Responsibility:

Performs document reviews, quality reviews, data analysis and on-line data entry support and contributes to the recommendation of revisions to user documentation. Compares source documents with the database for the presence of indicated person, business or vessel. Reads investigative reports and various other source documents. Analyzes and evaluates information in the documents and extracts data from the source documents to be entered into the database. With the use of an electronic access data, makes required annotations on the electronic document and updates applicable database. Resolves report ambiguities by consulting policy manuals and reference books and submits questions to supervisory personnel when faced with problems that are not readily solvable.

Minimum Experience: Twelve months experience in computer data processing. Demonstrates analytical ability. Maintains a production level of 11.8 records/hour.

Education: Two years of college

28. Data Analyst V

Functional Responsibility:

Supervises a team of data analysts ensuring the effective and timely processing of work assignments. Reviews the work completed by data analysts. Monitors the workflow to ensure a minimum backlog and maximum productivity. Prepares documentation regarding technical performance.

Minimum Experience: Two years experience as a data analyst and a minimum of one year of supervisory experience in a data processing/data analysis environment. Shall have strong demonstrated communication and organizational skills.

Education: Two years of college

29. Data Architect

Functional Responsibility:

Works in a data warehouse environment which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Responsible for developing data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Evaluates reusability of current data for additional analyses. Conducts data cleaning to rid the system of old, unused, or duplicate data. Reviews object and data models and the metadata repository to structure the data for better management and quicker access.

Minimum Experience: Eight years of experience

Education: Bachelor's Degree or equivalent

30. Data Base Administrator

Functional Responsibility:

Plans software, hardware or network systems to accommodate specific client requirements. Applies software, hardware and standards information technology knowledge in the analysis, specification, development, integration and acquisition of information and network systems.

Evaluates and recommends COTS application and system software. Has expertise in one or more of the following areas:

- a. Reliability, availability, and maintainability
- b. Simulation and modeling
- c. Performance analysis and queuing models
- d. Automated systems security (Fortezza, MISSI)
- e. Relational DBMS
- f. Requirements analysis
- g. Network protocols and standards
- h. Reusable software components
- i. EC/EDI

Minimum Experience: Has nine years of progressive experience in system design and development. Serves as technical lead for moderately complex projects.

Education: Bachelor's Degree or equivalent experience

31. Desktop Publishing Specialist

Functional Responsibility:

Provides desktop publishing support, including: design and creation of presentations from basic directions and established guidelines; creation of training presentation materials and business cards; creation of charts and graphs for presentations; and provides color copies of presentations materials mentioned herein. Organizes material and



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completes graphics development assignment according to set standards regarding order, clarity, conciseness, style, and terminology. Reviews technical material and recommends revisions or changes in scope, format and content of presentation materials. Prepares draft and final form presentation documents which become Task/Delivery Order deliverable items. Responsible for spelling, grammar, proper format, and proofreading the finished documents.

Minimum Experience: Three years desktop publishing or graphics development experience. Requires working knowledge of word processing software (Microsoft Office, PageMaker, Word Perfect). Familiar with the use of binding machine, copier, fax, telephone system, and laser printer with minimum of two years related word processing experience

Education: High School diploma or equivalent

32. Documentation Specialist I

Functional Responsibility:

Will be used when the Task/Delivery Order identifies special formatting or documentation requirements. Prepares draft and final form technical documents which become Task/Delivery Order deliverable items. Responsible for spelling, grammar, proper format, and proofreading the finished documents.

Minimum Experience: Minimum of one year related word processing experience. Requires working knowledge of word processing software (Microsoft Office, PageMaker, Word Perfect). Familiar with the use of binding machine, copier, fax, telephone system, and laser printer.

Education: High School diploma or equivalent

33. Documentation Specialist II

Functional Responsibility:

Will be used when the Task/Delivery Order identifies special formatting or documentation requirements.

- a. Prepares draft and final form technical documents which become Task/Delivery Order deliverable items.
- b. Responsible for spelling, grammar, proper format, and proofreading the finished documents.

Minimum Experience: Requires working knowledge of word processing software (Microsoft Office, PageMaker, Word Perfect). Familiar with the use of binding machine, copier, fax, telephone system, and laser printer with minimum of three years related word processing experience

Education: High School Diploma or equivalent

34. Engineering I

Functional Responsibility:

The position plans, prepares and reviews technical reports, technical data and instructional manuals in order to achieved functional and operational systems. Analyzes hardware and software interfaces to determine data type, data rate and format requirements. Studies and analyzes requirements for multiple hardware and software processes in complex processing environment.

Minimum Experience: One year of related work.

Education: BS degree – Engineering, Computer Science, Mathematics, or equivalent.

35. Engineering II

Functional Responsibility:

This position is directly related to the design and development of Information systems as well as Local Wide Area Networks. Assists in the planning of application systems functional definition and design. The position will develop systems specifications and assist in the review of lower level detailed system specifications.

Minimum Experience: Two years of related work.

Education: BS degree – Engineering, Computer Science, Mathematics, or equivalent.

36. Engineering III

Functional Responsibility:

Responsible for areas such as the design, design validation of computer or telecommunications systems and networks to facilitate improvements in operational capability and productivity. Must understand distributed processing, distributed databases, complex computational platforms, microcomputers, real time control systems and the integration of multiple open and closed systems architectures. Provides expertise in a wide range of computer communications and networking. Provides design and analysis of computer communications systems including software structure. Oversees development of test objectives and plans.

Minimum Experience: Four years or related work

Education: Bachelor's Degree or equivalent

37. Engineering IV

Functional Responsibility:

Provides senior leadership and direction for the overall design, development, and implementation of complex computer communication and application systems. Expertise includes computer and communications setup, interface and testing parameters and methodologies. Understands state of the art computer technologies required for multifaceted and multifunction system requirement. Develops and leads the development of complex software and hardware solutions to fulfill functional requirements. Works closely with customer personnel to prioritize schedules and resources to ensure all technical aspects of the system requirements are fulfilled.

Minimum Experience: Five years or related work

Education: Bachelor's degree or equivalent

38. Enterprise Consultant

Functional Responsibility:

Deploys enterprise-wide system management tools. Performs ongoing operation issues and has the capability to manage systems. Has a good understanding of complex, multi-platform information technology (IT) infrastructure operations, processes and tools. Deploys architectural solutions and demonstrates ability to solve unanticipated complications in the field.

Minimum Experience: With PhD, six years of functional experience. With MS, ten years of functional experience

Education: PhD or Master's Degree or equivalent

39. Facility Engineer/Manager

Functional Responsibility:

Designs, develops and manages inventory and accounting database. Diagnoses problem areas utilizing facility measuring devices and diagnostic testing. Manages ADP operating support systems so that technical configurations are in compliance with specific industry standards. Executes problem resolutions to facilitate operational support



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equipment and modifies scheduling sequences to maintain continuous computer and telecommunications operations.

Minimum Experience: Five years of experience performing independent management of complex systems in support of computer/telecommunication technical, engineering, and support services.

Education: Associate degree in computer science, engineering, or related technical field.

40. Field Survey Support Technician

Functional Responsibility:

Determines remote site requirements and develops site guidelines and parameters required to meet these requirements. Develops detailed survey plan based on the site guidelines and parameters. Develops a specific check list based on the survey plan. Obtains approval of survey plan and check list prior to field survey. Conducts field/site survey based on approved survey plan/check list. At completion of survey prepares a detailed report listing deficiencies and corrective action required. Conducts follow-up field surveys as required.

Minimum Experience: Five years of experience

Education: Bachelor's Degree or equivalent

41. Field Training Manager

Functional Responsibility:

Supports and assists in identifying, developing, and enacting training plans consistent with organizational initiatives and strategic plans. Responsible for the drafting and maintenance of all necessary and appropriate policies, procedures, practices and documentation to effectively and efficiently achieve the objectives of the training program; and selecting and/or creating materials and appropriate delivery methods for programs on a variety of topics. Formulates statements of training based on needs assessment, and devises procedures for solutions using proven training techniques; and evaluates and introduces new trends in training and development. Presents training and development programs and prepare resource materials. Implements the curriculum, develops training evaluation methods, prepares student and instructor materials, and conducts training sessions. Recommends the technical training path for technical personnel. Responsible for maintenance of the training records of all students taking courses.

Minimum Experience: Three years experience, of which at least two years must be specialized. Specialized experience includes experience in developing and providing technical and end-user training on computer hardware and application software. General experience includes information systems development, training, or related fields. Demonstrated ability to communicate orally and in writing.

Education: Bachelor's Degree

42. Functional Expert

Functional Responsibility:

Performs as a consultant in highly specialized, leading edge information technologies and methodologies. Provides highly technical and specialized guidance concerning automated solutions to complex information processing problems, in areas such as Neural Networks, Artificial Intelligence or other advanced areas. Performs elaborate or complex analyses and studies. Prepares report and gives presentations. Works independently or as a member of a team.

Minimum Experience: Eight years of progressive experience in the specific field of functional expertise

Education: Advanced Degree (Masters or Doctorate) in the applicable field of expertise

43. Graphics Specialist

Functional Responsibility:

Responsible for graphics design and use, operation and setup of computer graphic systems for business communications. Executes graphic projects and assists in coordination of all graphic production scheduling; coordinates production support with outside vendors, as needed. Ensures that graphic projects are completed on time, within budget and to user's satisfaction. Interfaces with users to determine scope of project and best graphic medium. Trains other personnel in proper use of computer graphic equipment. Troubleshoots computer equipment problems and performs minor preventive maintenance.

Minimum Experience: Four years experience in graphics design and the use, operation and setup of computer graphic systems for information technology and business related communications.

Education: Art-related Associates degree or equivalent

44. Help Desk Analyst I

Functional Responsibility:

In a specialized help desk environment, interfaces directly with supported end-users to provide advanced hardware, software, network, and application problem resolution. Is familiar with industry standard desktop operating systems, office automation software suites, and client applications software.

Minimum Experience: Two years of directly related experience

Education: High School Diploma or equivalent

45. Help Desk Analyst II

Functional Responsibility:

In a specialized help desk environment, interfaces directly with supported end-users to provide advanced hardware, software, network, and application problem resolution. Has a strong understanding of industry standard desktop operating systems, office automation software suites, and client applications software.

Minimum Experience: Three years of directly related experience

Education: High School Diploma or equivalent

46. Help Desk Specialist I

Functional Responsibility:

Interfaces directly with supported end-users to provide advanced hardware, software, network, and application problem resolution. Is familiar with industry standard desktop operating systems and office automation software suites.

Minimum Experience: One year of directly related experience

Education: High School Diploma or equivalent

47. Help Desk Specialist II

Functional Responsibility:

Interfaces directly with supported end-users to provide advanced hardware, software, network, and application problem resolution. Has a strong understanding of industry standard desktop operating systems and office automation software suites.



Minimum Experience: Three years of directly related experience

Education: High School Diploma or equivalent

48. Help Desk III

Functional Responsibility:

Responds to and diagnoses problems through discussions with users. Conducts problem recognition, research, isolation, resolution, and follow-up steps. Resolves less complex problems immediately and assigns more complex problems to second-level support, senior operator, or supervisor. Assures timely close-out of trouble tickets and escalates additional support as needed.

Minimum Experience: Two years of related work experience

Education: Bachelor's Degree or equivalent

49. Help Desk Specialist IV

Functional Responsibility:

Responds to and diagnoses problems through discussions with users. Conducts problem recognition, research, isolation, resolution, and follow-up steps. Resolves less complex problems immediately and assigns more complex problems to second-level support, senior operator, or supervisor. Assures timely close-out of trouble tickets and escalates additional support as needed.

Minimum Experience: Four years of related work experience

Education: Bachelor's Degree or equivalent

50. Information Services Consultant

Functional Responsibility:

Top level technical expert supporting unlimited end user groups. Works with user groups to solve business problems with available technology including advise, hardware, software, databases, and peripherals. Has high level of diverse technical experience related to studying and analyzing systems needs, systems development, and systems process analysis, design, and re-engineering. Has skills and experience related to business management, systems engineering, operations research, and management engineering. Typically has specialization in particular software or business application utilized in an end user environment. Keeps abreast of technological developments and applications.

Minimum Experience: Ten years of experience

Education: Masters Degree or equivalent

51. Installer I

Functional Responsibility:

Prepares and affixes connectors and terminations for 10Base2 and 10Base T systems, single-mode fiber optic cable and multi-mode fiber optic cable, and installs network interface devices.

Minimum Experience: Entry level position

Education: High School diploma or equivalent

52. Installer II

Functional Responsibility:

Prepares, connects, and terminates 10Base2, 10BaseT (STP and UTP), single-mode fiber optic cable and multi-mode fiber optic cable. Installs network interface devices

Minimum Experience: Two years experience in installing Ethernet and fiber optic networks, network components and network interface devices.

Education: High School Diploma.

53. Installer III

Functional Responsibility:

Plans and directs installation tasks. Determines resource requirements. Documents installation and schedules. Assigns, monitors, and evaluates work of subordinates. Monitors progress of work. Communicates with all levels of management (oral or written).

Minimum Experience: Four years experience in installing and testing networks with include Ethernet (10Base2 and 10BaseT), fiber optics, network components and network interface devices. Two years experience supervising network installations and testing.

Education: Associate degree in computer science or electronics.

54. Internet Technician

Functional Responsibility:

Assists the Webmaster in maintaining a web site. Supports enhancements and modifications to the site; uploads pages on to the site, monitors links and cross promotions with other sites, ensuring that links are up to date; and updates information in pages and databases so that content is kept current. Assists in responding to webmaster mail to ensure timely responses. Collects and assembles traffic statistics and assists in the layout, writing and editing of new sections/features. Responsible for spelling, grammar, proper format, and proofreading the finished documents.

Minimum Experience: Five years of experience in web site maintenance. Requires working knowledge of word processing software (Microsoft Office, PageMaker, Word Perfect). Proficiency with HTML, including style sheets, templates, complex tables, frames and image maps desirable.

Education: Associates Degree or equivalent

55. Internet Webmaster

Functional Responsibility:

Develops, organizes and maintains a web site; creates enhancements and modifications to the site; assesses new standards, technologies and trends, and formulates strategies and plans for enhancing the site; and updates the external and Internet sites on a routine basis. Ensures that applicable www, Agency/Department, and accessibility site standards are met. Programs HTML and upload pages onto the site, and integrates multimedia assets and applications into the site. Develops and maintains a strategic plan for internet presence, based on management priorities, policy directions, and goals. Optimizes web site architecture for navigability. Maintains cross-platform and cross-browser compatibility so that the web site is accessible from a variety of different environments. Produces a consistent visual image on the site by promoting uniform fonts, formatting, icons, images, layout techniques, and modularization, including maintenance of template and image archives. Determines appropriate compression techniques, resolutions, sizes, color maps, and depths to insure that images are delivered to the viewer at sufficiently high speed and quality. Manages links and cross promotions with other sites, ensuring that links are up to date. Installs and maintains Web site search engine and search tags. Updates information in pages and databases so that content is kept current. Checks for bugs and problems, diagnoses and fixes them. Ensures that



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all webmaster mail receive timely responses. Analyzes traffic statistics and develops, researches, lays out, writes/edits new sections/features. Installs and uses software tools, and the site's interactive Web based applications and their content for purposes of checking consistency.

Minimum Experience: Minimum of six years experience in information technology, including three years of experience in web site development with Windows NT and Unix platforms. Advanced proficiency with HTML, including style sheets, templates, complex tables, frames and image maps. Must be able to program forms and implement scripts using languages such as Perl, CGI, Java, C, C++, Visual Basic, VB Script. Working knowledge of basic composition, page layout, art and presentation packages such as Front Page, MS Word, Excel, PowerPoint, QuarkXpress, PageMaker, Illustrator, Photoshop. Solaris, Netscape, message boards, and banner ads.

Education: Bachelor's Degree or equivalent

56. Lead Switchboard Operator

Functional Responsibility:

Switchboard operators shall be experienced and trained to operate multi-line telephone switchboard consoles receiving operator assisted phone calls. Switchboard operators are required to answer all calls within three rings and possess a well spoken and pleasant telephone demeanor. Switchboard operators must have light computer skills to administer the direction of call traffic and conduct work as a team with other switchboard operators. Other services include but are not limited to:

- Receiving and directing telephone calls
- Verifying, placing, accepting Morale, Welfare and Recreation assisted calls
- Maintain surveillance over local, long distance, and DSN placed calls
- Provide directory listing information
- Placing official overseas calls
- Placing official conference calls
- Monitor subscriber telephone numbers when directed
- Enforce MINIMIZE operations when directed
- Maintain PC console database with current updates
- Keep current directory information updates for assigned telephone numbers
- Perform other related switchboard operator duties as required

Minimum Experience: Two years experience in switchboard operations.

Education: High school diploma or equivalent

57. Life Cycle Management Specialist

Functional Responsibility:

Provides acquisition planning, procurement, and technical expertise to resolve complex problems requiring high-level analytical skills. Provides guidance and support in the areas of technical analysis, systems engineering, cost studies, cost/benefit analyses, acquisition planning and strategy, contract management, management analysis, reengineering, project management, and financial analysis.

Minimum Experience: Seven years of experience

Education: Bachelor's Degree or equivalent

58. Logistics Analyst***Functional Responsibility:***

Provides analysis and assistance for real and simulated events in the areas of transportation, maintenance, supply, and similar logistics fields. Areas of analysis and study include documentation, configurations, concepts, feasibility studies, alternative analysis, functional descriptions, planning and testing.

Minimum Experience: One year of experience in the application and techniques for supporting logistical planning and control, including experience in the development of logistics management planning for large and small military exercises. Must have demonstrated capability in the analysis of program logistical needs, development of short and long-range logistics plans, budget analyses, and database development for logistical use.

Education: Bachelor's Degree or equivalent

59. Logistics Coordinator***Functional Responsibility:***

Assists the Logistics Supervisor in the general duties of logistics operations by assembling data, updating and maintaining inventories of equipment to be tracked by a property control system. Provides administrative support for logistics to include report generation and equipment tracking using automated databases. Assists in packaging movement and installation of equipment. Assists in the operation of the property control system, including bar coding subsystems.

Minimum Experience: Minimum of three years specific and related experience including one year of experience in property inventory control, and experience with basic administrative property control procedures.

Education: High school diploma or equivalent

60. Network Administrator I***Functional Responsibility:***

Responsible for network operations and problem troubleshooting and resolution, including web management consisting of Internet/Intranet web servers. Evaluates and implements web technologies such as search engines and proxy servers.

Minimum Experience: Two years of experience

Education: Bachelor's Degree or equivalent

61. Network Administrator II***Functional Responsibility:***

Responsible for network operations and problem troubleshooting and resolution, including web management consisting of Internet/Intranet web servers. Evaluates and implements web technologies such as search engines and proxy servers.

Minimum Experience: Three years of experience

Education: Bachelor's Degree or equivalent

62. Network Administrator III***Functional Responsibility:***

- a. Supervise all personnel engaged in the operation and support of the computer system(s) and peripheral equipment in large scale or multi-shift operations. May also supervise complex operations which involve two or



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more additional functions such as network operations, systems software support, production support activities, and data entry or tape library activities.

- b. Identify processing requirements and schedule job streams for computer runs. Responsible for the security and routing of input and output data. Responsible for problem isolation and restart/recovery. Interpret technical documentation standards and prepares documentation according to the standards. Interface with contractor employees and Government personnel.
- c. In the event of a malfunction, confer with technical personnel (i.e., equipment/software vendor) and direct subordinate personnel in appropriate course of action. Additional duties may include writing, editing, and/or graphic presentation of technical information for both technical and non-technical personnel. Normally reports to the Facilities Manager or the Group Manager.
- d. Must have a thorough knowledge of the capabilities of applicable computer hardware configurations.

Minimum Experience: Five years experience in administration of networks and associated operations.

Education: Bachelor's Degree or equivalent experience

63. Network Administrator IV

Functional Responsibility:

Provides engineering services in a wide range of computer communications including point-to-point and networking. Oversees various analyses including Reliability, Maintainability and Availability. Provides network administration functions.

Minimum Experience: Six years of experience

Education: Bachelor's Degree or equivalent

64. Network Engineer I

Functional Responsibility:

Performs a variety of network engineering tasks, either independently or under supervision, which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Supervises team of Network Specialist through project completion. Plans and performs network engineering research, design development, and other assignments in conformance with network design engineering and customer specifications. Supervises team of Network Specialists through project completion. Responsible for major technical/engineering projects of higher complexity and importance than those normally assigned to lower level engineers. Coordinates the activities of Network Engineers and Network Technicians assigned to specific network engineering projects. May perform other duties as assigned.

Minimum Experience: Five years of experience

Education: Bachelor's Degree or equivalent

65. Network Engineer II

Functional Responsibility:

Performs a variety of network engineering tasks, either independently or under supervision, which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Supervises team of Network Specialist through project completion. Plans and performs network engineering research, design development, and other assignments in conformance with network design engineering and customer specifications. Supervises team of Network Specialists through project completion. Responsible for major technical/ engineering projects of higher complexity and importance than those normally assigned to lower level engineers. Coordinates the activities of Network Engineers and Network Technicians assigned to specific network engineering projects. May perform other duties as assigned.

Minimum Experience: Six years of experience

Education: Bachelor's Degree or equivalent

66. Network Engineer III

Functional Responsibility:

Provides functional guidance and direction in LAN administration, hardware and software technical support analysis, operating system programming, communications and network systems analysis, configuration management, general end user support and training, microsystems analysis, data security analysis, software quality analysis, office automation, and network operations. Further, may be highly skilled in Windows NT and Back office. May be certified as a Microsoft System Engineer or has completed all course work and is in the process of taking the certification examinations. Has expertise in Windows NT Advanced Server and NT Workstation, Windows, and Networking. Additionally has expertise in two or more of the following: SQL Administration, SNA, SMS, SQL Implementation, Mail or TCP/IP.

Minimum Experience: Seven years of progressive LAN or network engineering experience. Experience shall include comprehensive end user support in network design, hardware/software selection, integration, inter/intra network data communications, troubleshooting, and problem resolution. Three of the seven years must reflect current technologies and have occurred within the last five calendar years.

Education: Bachelor's Degree or equivalent experience

67. Network Engineer IV

Functional Responsibility:

Provides leadership and technical guidance in the installation, maintenance, and operational support of data networks primarily using utility file servers and servers such as Novell-based or NT-based file and print servers. Provides expertise for data communication network support staff for installing, maintaining, trouble shooting and correcting problems related to controllers, front-end processors, multiplexers, modems, data communication leased lines, bridges, routers, switches, Ethernet and token ring networks. Tests equipment and software, trouble shoots problems, works to resolve difficult technical issues, assists other technical staff with network problem resolution, and informs other staff of resolutions as appropriate. Monitors network use and adjusts configurations and implements system enhancements to achieve optimal performance. Researches and obtains network administration tools for testing or team use as appropriate. Coordinates work efforts with network staff, LAN administrators, and vendors as applicable for optimum efficiency. Work conforms to all applicable standards and requirements for network systems and security.

Minimum Experience: Minimum of nine years of network engineering experience. Two years must be supervisory or team leadership experience. Must possess skill in the subject hardware/software systems. Must be capable of working independently and with demonstrated working knowledge of the subject network hardware and software components.

Education: Bachelor's Degree. Holds one or more of these certifications: MCSE, CNE, CISCO, or Unix.

68. Network Planning Analyst

Functional Responsibility:

Plans and evaluates complex network systems and makes recommendations for resources required to maintain and/or expand service levels. Provides highly skilled technical assistance in network planning, engineering, and architecture. Develops technical standards and interface applications; identifies and evaluates new products; provides resolution for network problems. May interface with vendors to identify and recommend the purchase of hardware and software. May function as lead position for other network planning analysts.

Minimum Experience: Eight years experience in telecommunications systems



Education: Bachelor's Degree or equivalent

69. Network Specialist I

Functional Responsibility:

Works under supervision to perform a variety of network engineering tasks which are broad in nature regarding the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Works under the supervision of a Network Engineer or Network Specialist. Supports the planning and performance of network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Supports the technical/engineering part of a networking project assigned to higher level engineers.

Minimum Experience: Two years of experience

Education: High School diploma or equivalent

70. Network Specialist II

Functional Responsibility:

Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Plans and performs network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Responsible for the technical or engineering part of a major project or a project of lesser complexity and importance than those normally assigned to a higher level engineer. Coordinates the activities of other personnel assigned to specific network engineering projects.

Minimum Experience: Three years of experience

Education: Associates Degree or equivalent

71. Network Technician

Functional Responsibility:

Performs maintenance of network, servers, and video hardware. Schedules the operational use of the video suites.

Minimum Experience: Four years experience maintaining network, video, and server hardware.

Education: High School diploma or equivalent

72. Operations Engineer

Functional Responsibility:

Plans and directs network-related tasks, determines resource requirements and costs, resolves complex problems that impact systems availability, monitors network performance and recommends improvements. May function as the site technical lead.

Minimum Experience: Eight years combined experience in computer and networking and project management to support LANs, fiber optic systems, network installation, client/host configurations, and network systems troubleshooting, testing and repair.

Education: Bachelor's Degree or equivalent

73. Operations Manager

Functional Responsibility:

Serves as the task manager for a large, complex task or group of tasks affecting the same system and assists the overall Program Manager (PM). Under the guidance of the PM, is responsible for the overall management of the specific tasks and for ensuring that the technical solutions and schedules in the task are implemented in a timely manner. Performs enterprise-wide integration planning and interfaces to other functional systems.

Minimum Experience: Twelve years experience in project development from inception to deployment, management and control of budgets and resources using complex reporting mechanisms, and operating in multi-task environments of varying complexity.

Education: Bachelor's Degree or equivalent

74. Operations Specialist

Functional Responsibility:

Applies thorough knowledge and understanding of information systems, automation tools and technology, job applications, and operational hardware. Applies working knowledge of software and subsystems. Expedites recovery and/or problem resolution. Evaluates automation possibilities. Assists and directs subordinate staff of computer operators. Serves as a focal point for computer room activity and assignments. Understands and follows operational instructions. Understands basic data processing concepts. Operates and/or interacts with data processing and teleprocessing environment. Applies basic understanding of machine principles, operating systems, systems configuration, utility programs, operating procedures, and automation concepts. Recognizes problems and takes corrective action. Performs minor cleaning and maintenance of I/O equipment. Requires minimal direction in daily operation and problem resolution. Provides assistance to less experienced personnel.

Minimum Experience: Seven years experience in data processing

Education: Bachelor's Degree or equivalent

75. PC Technician

Functional Responsibility:

Performs maintenance, installation, and moves of workstations and peripheral hardware and related software.

Minimum Experience: Two years experience maintaining, installing, and relocating workstations, peripherals, workstation operating systems, and standard office automation software.

Education: High School diploma or equivalent

76. Program Control Specialist

Functional Responsibility:

Gathers, maintains, analyzes, and provides reports on a variety of performance data, ranging from financial and schedule data to project performance metrics.

Minimum Experience: One year of experience in the use of word processing and spreadsheets for administration of project control purposes. Must have good written and oral communications skills.

Education:

High School diploma



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77. Program Manager

Functional Responsibility:

Directs the performance of a variety of related projects, which may be organized by technology, program or client. Oversees the technology development and/or application, marketing, and resource allocation within program client base. Program areas typically represents more than three functional areas that may include engineering, systems analysis, quality control, administration, etc.

- a. Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual items.
- b. Operates within client guidance, contractual limitations, and Company business and policy directives.
- c. Serves as focal point of contact with client regarding program activities.
- d. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program.
- e. Manages program consisting of multiple projects including project identification, design, development and delivery.
- f. Maintains the development and execution of business opportunities based on broad, general guidance.
- g. Confers with project manager to provide technical advice & to assist with problem resolution.
- h. Responsible for marketing new technology and follow-on business acquisitions.
- i. May perform other duties as assigned.

Minimum Experience: Ten years of general ADP experience of which seven years involves the development and management of projects/programs.

Education: Bachelor Degree in related field or equivalent experience. Equivalent experience for this labor category and subsequent labor categories consists of one year related general experience for each year of required education.

78. Programmer

Functional Responsibility:

Perform client server, Internet programming and GUI development including HTML editing, development of creative concepts for online projects; online discussion group moderation; development of collateral marketing and promotional material; Knowledge of basic client and server types used on the Internet; familiarity with text editing programs; familiarity with multiple computer operating systems.

Minimum Experience: Two years of related work experience. Technically proficient in programming and control languages and in systems software problem identification and resolution.

Education: Bachelor's Degree in related field or equivalent experience

79. Programmer/Analyst I

Functional Responsibility:

Performs a variety of audio/video and other multimedia-based tasks, either independently or under supervision, which are broad in nature and are concerned with the design and implementation of integrated multimedia systems. May supervise a team of Video/Network Engineers and technicians through project completion. Maintain library of removable electronic media. Classify and catalog these media in accordance with such factors as content of data and type of routing. Assign codes conforming to standardized system. Prepares record for reference. Issue files using a charge-out system and inspect returned files to determine the need for replacement due to wear or damage. Maintain operations documentation.

Minimum Experience: Four years of related work experience. Well qualified in programming and control languages and in systems software problem identification and resolution. Technically proficient in at least one of

the following and is competent in the processes involved in the remaining: teleprocessing and telecommunications, database management, and computer operating systems.

Education: Bachelor's Degree in related field or equivalent experience

80. Programmer Analyst II

Functional Responsibility:

Is highly skilled in the design and development of custom applications using programming and application development tools and technologies including Microsoft Office and Back office. May be certified as a Microsoft Solution Developer with expertise in Windows OS and Services Architectures I and II. Additionally has expertise in two or more of the following: SQL Implementation, Visual Basic, Access, and Visual Basic for Applications. FoxPro, or Visual C, Delphi, PowerBuilder etc.

Minimum Experience: Six years of related work experience. High degree of technical proficiency in programming and control languages and in systems software problem identification and resolution. High degree of technical proficiency in at least one of the following and is competent in the processes involved in the remaining: teleprocessing and telecommunications, database management, and computer operating systems.

Education: Bachelor's Degree in related field or equivalent experience

81. Programmer/Analyst III

Functional Responsibility:

Conceives, analyzes and designs data processing systems. Performs feasibility studies, requirements analyses, and external and internal systems design. Manages smaller software development and implementation projects and provides direction to small teams of software developers. Provides software systems diagnosis, problem determination, and resolution.

Minimum Experience: Eight years of experience

Education: Bachelor's Degree or equivalent

82. Programmer/Analyst IV

Functional Responsibility:

Has responsibility for thoroughly understanding the business applications of the software project. Instructs, assigns, directs, and monitors the work of other software developers during the analysis, design, documentation, implementation, and training phases of the software life cycle. Schedules and coordinates major projects. Closely coordinates with clients to resolve software problems and analyzes and responds to suggestions for improvements.

Minimum Experience: Ten years of experience

Education: Bachelor's Degree or equivalent

83. Project Manager

Functional Responsibility:

Provides direct customer liaison at the project management level and user level. Develops and implements systems and performance strategies. Develops and maintains management controls to ensure projects are completed on time, within budget, and compliant with customer specifications. Develops personnel skill requirements, selects prospective candidates, and monitors performance to achieve project objectives.

Minimum Experience: Seven years of intensive and progressive experience in management of broad-based ADP projects. Three of the seven years must reflect management of projects applying current technologies and must have occurred within the last five calendar years.



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Education: Bachelor's Degree or equivalent experience

84. Receptionist

Functional Responsibility:

Receptionist greets and directs guests to proper location, handles all mail and documents and files as appropriate. Receptionist must have broad knowledge of the multi-line telephone consoles to properly program and provide training when necessary. Receptionist must follow all the government safety and security rules and regulations pertaining to personnel and the facility used.

Minimum Experience: One year experience in customer service, switchboard operations, or related experience

Education: High school diploma or equivalent

85. Records Assistant

Functional Responsibility:

Receives, picks, review and distributes source documents. Opens, date stamps and sorts investigative source documents in preparation for submission.

Minimum Experience: Six months of general office experience

Education: High school diploma or General Equivalency Diploma (GED).

86. Records Supervisor

Functional Responsibility:

Plans and organizes the maintenance and disposition of investigative files. Assigns, distributes and reviews the work of the records assistants. Responsible for developing and conducting mandatory informal training for all records assistants. Responsible for the daily receipt and distribution of investigative reports and other official documents. Sorts, counts, and batches reports for distribution to the records assistants.

Controls and resolves problems related to the records assistants such as improper filing of case jackets, incorrect file numbers assigned to reports, missing files and case jackets, and file shelf expansion (i.e. shifting as necessary of current files to provide space for new files.) Conducts periodic surveys to ensure that jackets are filed properly and in accordance with established guidelines.

Prepares a variety of special and recurring reports as required and provides background data to include work accomplishments/productivity and time expended on work assignments. Maintains the integrity of the investigative reports and files.

Minimum Experience: Three years of records management experience and one year of supervisory experience

Education: High school diploma or equivalent

87. Reports Manager

Functional Responsibility:

Serves as Reports manager for an Agency, Activity or Office. Incumbent is responsible for the overall accuracy and timeliness of the specific reporting requirements in a task order. This includes periodic (Statutory and Administrative) and daily (ad-hoc) reports; and ensuring that the technical requirements and schedules in the task order are being fully supported in a timely manner. Plans, controls, coordinates, organizes data and schedules development for the development of mandatory reports against the Agency or Activity's database; and designs and creates ad-hoc (daily) procurement reports as required. This also includes security, both physical facility and hardware and software systems, and applications, monitoring of hardware usage, and recommending methodology for more efficient use. Evaluates alternatives for more efficient and effective accomplishment of work; establishes

procedures, and develops documentation. Coordinates and provides technical guidance on the receipt, reporting and security of data by electrical means.

Minimum Experience: Minimum of eight years experience in information technology, management, high level reporting and a range of query tools to include: Impromptu, Business Objects and Crystal Reports. Demonstrated experience in oral and written communications with all levels of management for planning and control of projects.

Education: Bachelor's Degree or equivalent

88. Scan Operator

Functional Responsibility:

Prepares hard copy source documents for conversion to electronic imaging (scanning). Responsible for preparing an accurate inventory and chain of custody for records to be scanned. Monitors the scanning process to ensure correct document orientation, good image quality, and correct feeding of pages. Makes edits as necessary. Files documents back into the case file jackets maintaining the correct document order.

Minimum Experience: Six months of general office experience

Education: High School diploma or equivalent

89. Security Analyst I

Functional Responsibility:

Independently performs or leads a team in performing risk analysis and security audit services. Independently develops or supervises the development of analytical reports and other products.

Minimum Experience: Five years in performing analyses and audits in broad-based AIS settings including contemporary computer hardware and programming environments. Experience in AIS security, operations, hardware, application and system software design, development, and programming.

Education: Bachelor's Degree or equivalent experience

90. Security Analyst II

Functional Responsibility:

Designs and installs systems capable of security certification by government agencies. Complies with ADP Security Program directives in the development and maintenance of computer or telecommunications systems. Designs access control for system users. Incorporates software for virus detection, notification, correction, and prevention. Conducts Risk Assessments.

Minimum Experience: Eight years of experience

Education: Bachelor's Degree or equivalent

91. Security Consultant I

Functional Responsibility:

Monitors, evaluates, and recommends security policies and procedures, evaluates and recommends implementation of security hardware and software, computer virus detection and prevention, and network remote access security.

Minimum Experience: Seven years of security experience. Specialized experience with the state-of-the-art encryption mechanism and TCP/IP protocols such as HTTP, HTTPS, FTP, SMTP, SMTPv2, CMOT, NTP, IMAP, NNTP, POP3 and SSH is required. Experience in developing security rule bases for state-of-the-art firewall systems.

Education: Masters Degree or equivalent



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92. Security Consultant II

Functional Responsibility:

Monitors, evaluates, and recommends security policies and procedures, evaluates and recommends implementation of security hardware and software, computer virus detection and prevention, and network remote access security.

Minimum Experience: Nine years of security experience. Specialized experience with the state-of-the-art encryption mechanism and TCP/IP protocols such as HTTP, HTTPS, FTP, SMTP, SMTPv2, CMOT, NTP, IMAP, NNTP, POP3 and SSH is required. Experience in developing security rule bases for state-of-the-art firewall systems.

Education: Masters Degree or equivalent

93. Senior Computer Scientist

Functional Responsibility:

As an expert in one or more technology areas, provides technical guidance for systems acquisitions, software enhancements and new development. Possesses extensive expertise in one or more of the following:

- a. Object-oriented analysis and design
- b. UNIX and C or C++
- c. Client/server technology
- d. Graphical application development environments such as PowerBuilder and Visual Basic
- e. Fourth-generation languages and environments
- f. Computer Aided Software Engineering (CASE) tools
- g. Networking to support distributed applications
- h. Distributed DBMSs
- i. WS and MVS utilities
- j. Other major OS environments
- k. Organization intranets, web application development, JAVA, HTML Security architectures and policies.

Minimum Experience: Has ten years of progressive experience in system design and development. Serves as technical lead for moderately complex projects.

Education: Possesses a Bachelor Degree in computer science, information systems, engineering, business, or other related scientific or technical discipline.

94. Senior Data Engineer

Functional Responsibility:

Develops or leads the development of detailed data requirements for application systems in a logical data model. Analyzes creation, acquisition, maintenance and use characteristics of the data identified; ensures compliance with corporate data management policies and guidance. Develops comprehensive data load strategy based on stewardship and authoritative sources; evaluates data object reuse, reengineering and renewal options for the shared corporate data resource; develops physical schema that addresses functional and technical requirements for the database including data sharing as appropriate or required

Minimum Experience: Has 10 years combined experience in database and data administration, conceptual and logical data modeling and physical database design for relational or object oriented database management systems.

Education: Bachelor's Degree or equivalent work experience

95. Senior Subject Matter Specialist

Functional Responsibility:

Augments Task/Delivery Order project teams.

- a. Conducting and documenting requirements analyses; developing and evaluating alternative system configurations comprised of COTS and developmental components that satisfy functional and performance requirements.
- b. Conducting specialized studies and analyses of state-of-the-art tools, techniques, products and technologies that will satisfy automated information system (AIS) functional requirements.
- c. Serving as a senior member of a team engaged in AIS development or maintenance.
- d. Participating in the full life cycle of technology development including, requirements analysis, concept definition, system design, development and deployment, database design and development and product and technology evaluation.
- e. Demonstrating competence and innovation in the use and application of advanced information technology tools and techniques.

Minimum Experience: Nine years of recent experience in the use of advanced information technology to develop and/or integrate complex AIS systems.

Education: Bachelor's Degree or equivalent experience

96. Senior Telecommunications Specialist

Functional Responsibility:

Evaluates and maintains existing or proposed integrated telecommunications systems. Analyzes the business needs of the users and recommends integrated networking solutions. Coordinates the design, installation and maintenance of hardware and software systems. Monitors the operations of integrated telecommunications systems, particularly in heterogeneous networking environments.

Minimum Experience: Seven years of related work experience

Education: Bachelor's Degree in related field or equivalent experience

97. Subject Matter Specialist

Functional Responsibility:

May augment Task/Delivery Order project teams:

- a. Providing technical knowledge and analysis of highly specialized applications and operational environments, high-level functional FIP systems analysis, design, integration, documentation, and implementation advice on exceptionally complex problems which require graduate level knowledge of the subject matter for effective implementation.
- b. Participating as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods, and knowledge of the functional area of expertise to specific Task/Delivery Order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.
- c. Designing and preparing technical reports and related documentation, and makes charts and graphs to record results. Prepares and delivers presentations and briefings as required by the Task/Delivery Order.
- d. Providing technical support may include technical advice on security requirements for highly specialized AIS applications, and technical report preparation or other services as required by the Task/Delivery Order.

Minimum Experience: Seven years of extensive and progressive experience in the individual's field of study and specialization.

Education: Bachelor's Degree or equivalent experience



98. Switchboard Operator

Functional Responsibility:

Supervise all switchboard operators engaged in the operation and support of telephone switch centers or base communication offices. Must have a broad knowledge of the multi-line telephone switch consoles to properly diagnose problems and provide training when necessary. Supervisor must plan and keep a three month projected work schedule for all switchboard operators to maintain level and equal hours worked for all operators. Supervisor switchboard operator must follow all of the government safety and security rules and regulations pertaining to personnel and the facility used. Must operate and maintain all the duties of the switchboard operator functional responsibilities.

Minimum Experience: One year experience in customer service, switchboard operations, or other related experience

Education: High school diploma or equivalent

99. Systems Administrator

Functional Responsibility:

Serves as technical expert on Open MVS and/or UNIX platforms, or other systems. Must have knowledge of diverse hardware and software environments. Oversees complex tasks and projects independently. Develops configurations based on client requirements. Performs software installations, upgrades, and modifications. Troubleshoots problems and provides customer support. Researches new technologies.

Minimum Experience: Eight years experience, of which nine years must be specialized in systems management in mainframe or client/server environments, such as VMS, UNIX, or Open VMS

Education: Bachelor's Degree or equivalent

100. Systems Analyst I

Functional Responsibility:

Identifies, develops, and maintains unit and simulation parameter databases. Maintains or modifies support software or databases as required. Verifies and validates the integrity of the data in the databases. Develops and maintains required documentation on all databases and software. Identifies, designs, develops, tests, implements and documents unique utility tools that assist in the development of modifications to databases. Controls the preparation of all software that is used to perform database updates. Documents the database, including the data dictionary.

Minimum Experience: Three years experience in database development and maintenance and applications programming

Education: Bachelor's Degree or equivalent

101. Systems Analyst II

Functional Responsibility:

Identifies, develops, and maintains unit and simulation parameter databases. Maintains or modifies support software or databases as required. Verifies and validates the integrity of the data in the databases. Develops and maintains required documentation on all databases and software. Identifies, designs, develops, tests, implements and documents unique utility tools that assist in the development of modifications to databases. Controls the preparation of all software that is used to perform database updates. Documents the database, including the data dictionary.

Minimum Experience: Four years experience in database development and maintenance and applications programming

Education: Bachelor's Degree or equivalent

102. Systems Analyst III

Functional Responsibility:

Identifies, develops, and maintains unit and simulation parameter databases. Maintains or modifies support software or databases as required. Verifies and validates the integrity of the data in the databases. Develops and maintains required documentation on all databases and software. Identifies, designs, develops, tests, implements and documents unique utility tools that assist in the development of modifications to databases. Controls the preparation of all software that is used to perform database updates. Documents the database, including the data dictionary.

Minimum Experience: Six years experience in database development and maintenance and applications programming

Education: Bachelor's Degree or equivalent

103. Systems Analyst IV

Functional Responsibility:

Acts as a lead in performing systems analysis of computer and communications/network systems. Oversees the overall installation of computer operating systems, network, and application software, and computer/network hardware. Has ability to adapt to new situations and environments. Possess keen troubleshooting skills to assist other Sr. Systems Analysts and Program Managers. Principle duties and responsibilities include:

- a. Performs systems analysis of computer and networking systems.
- b. Supports a Sr. Systems Analyst as required.
- c. Provides overall integration of all systems peripherals so that they operate correctly within a predefined environment.
- d. Provides hotline support to customers.
- e. Develops technical documentation detailing the installation procedures.
- f. May perform other duties as assigned.

Minimum Experience: Nine years of related work experience

Education: Bachelor's Degree in related field or equivalent experience

104. Systems Architect

Functional Responsibility:

Establishes system information requirements using analyses of information engineers in the development of enterprise-wide or large scale information systems. Designs the systems architecture to include the software, hardware, and communications to support the total requirements as well as provide for future cross-functional requirements and interfaces. Ensure these systems are compatible and in compliance with open systems standards and reference models. Evaluates problems with workflow, organization, and plans, recommends, and develops appropriate corrective actions.

Minimum Experience: Eight years experience in the uses of structured analysis, design methodologies and design tools such as IDEF, entity relationship diagrams and other design techniques, object oriented principles, and experience e with the logical and physical functional, operational, and technical architecture of large and complex information systems.

Education: Bachelor's Degree or equivalent



105. Systems Engineer I

Functional Responsibility:

Formulates and defines specifications for operating systems applications or modifies and maintains existing application using engineering releases and manufacturer utilities. Responsible for program design, coding, testing, debugging, and documentation. Responsible for applications dealing with the overall operating system, such as sophisticated file maintenance routines, large telecommunications networks, computer accounting and advanced mathematical and scientific software packages. Instructs, directs, and checks the works of other task staff. Responsible for quality assurance and the evaluation of software products.

Minimum Experience: Seven years of experience

Education: Bachelor's Degree or equivalent

106. Systems Engineer II

Functional Responsibility:

Formulates and defines specifications for operating systems applications or modifies and maintains existing application using engineering releases and manufacturer utilities. Responsible for program design, coding, testing, debugging, and documentation. Responsible for applications dealing with the overall operating system, such as sophisticated file maintenance routines, large telecommunications networks, computer accounting and advanced mathematical and scientific software packages. Instructs, directs, and checks the works of other task staff. Responsible for quality assurance and the evaluation of software products.

Minimum Experience: Nine years of experience

Education: Bachelor's Degree or equivalent

107. Task Lead

Functional Responsibility:

Conceptualizes, designs, constructs, tests, and implements portions of business and technical information technology solutions through application of appropriate software development life cycle methodology. Interacts with clients to analyze the business environment, technical context and organizational strategic direction. Defines scope, plans, and deliverables for assigned projects. Collects, identifies, and organizes detailed users and information technology requirements. Analyzes, identifies and resolves business or technical problems. Participates in business and technical IT solution implementations, upgrades, and conversions. Establishes and maintains security, integrity, and business continuity controls and documents.

Minimum Experience: Three years of experience

Education: Bachelor's Degree or equivalent

108. Task Manager

Functional Responsibility:

The Task Manager will provide total supervision for the task. The TM will manage all schedules and resources required for the task. The TM will be the primary point of contact for all task technical matters, and will interface directly with the client.

Minimum Experience: Five years of related work

Education: Bachelor's Degree or equivalent

109. Technical Writer I***Functional Responsibility:***

Organizes material and performs writing assignments according to specifications regarding order, clarity, conciseness, style, and terminology. Writes technical descriptions using knowledge of material standards, industrial processes, and operation procedures. Ensures document formats meets specifications.

Minimum Experience: Two years of related work

Education: Bachelor's Degree or equivalent

110. Technical Writer II***Functional Responsibility:***

- a. Develops, writes, and edits materials for ADP related reports, manuals, briefs, proposals, instructional material, catalogs, technical publications, and software and hardware documentation.
- b. Interfaces with users, specialists, Analysts, Programmers, or operations personnel to obtain background information on ADP technologies, methods, and standards. Organizes material and completes writing assignment according to set standards regarding order, clarity, conciseness, style, and terminology.
- c. Reviews technical material and recommends revisions or changes in scope, format, content and methods of reproduction and binding.
- d. May maintain records and files of technical documents.
- e. May arrange for typing, duplication, and distribution of material.
- f. May edit, standardize, or make changes to material prepared by other writers.
- g. Must be capable of working independently but will normally be under the supervision of the Task Leader/Supervisor.

Minimum Experience: Seven years of technical experience that applies to coordination of efforts of technical artists and illustrators in preparing reports, articles, and books for internal and external distribution or more of technical writing and documentation experience

Education: Bachelor's Degree or equivalent experience

111. Technical Writer III***Functional Responsibility:***

Develops, writes, and edits materials for reports, manuals, briefs, proposals, instructional material, catalogs, technical publications, and software and hardware documentation. Interfaces with users, specialists, Analysts, Programmers, or operations personnel to obtain background information on ADP technologies, methods, and standards. Organizes material and completes writing assignment according to set standards regarding order, clarity, conciseness, style, and terminology. Reviews technical material and recommends revisions or changes in scope, format, content and methods of reproduction and binding. May maintain records and files of technical documents. May arrange for typing, duplication, and distribution of material. May edit, standardize, or make changes to material prepared by other writers. Must be capable of working independently but will normally be under the supervision of a Task Leader/Supervisor.

Minimum Experience: Eight years of technical experience that applies to coordination of efforts of technical artists and illustrators in preparing reports, articles, and books for internal and external distribution or more of technical writing and documentation experience

Education: Bachelor's Degree or equivalent



112. Telecommunications Engineer

Functional Responsibility:

Provides technical direction for telecommunications activities, including planning, designing, installing, and maintaining large voice, data, or video telecommunications networks. Applies telecommunications engineering principles and theory to propose design and configuration alternatives, evaluates existing systems to identify deficiencies and opportunities for network performance improvements. Conducts studies on network usage and traffic flow, access and interfaces, transmission methods, and protocols.

Minimum Experience: Six years experience in communications and/or telecommunications systems and networks.

Education: Bachelor's Degree or equivalent

113. Telecommunications Specialist

Functional Responsibility:

Analyzes telephone communications systems and develops plans for providing adequate, cost effective service. Studies existing and proposed traffic loads and potential facilities and procedural changes required to implement system changes. Determines feasibility of adapting existing equipment and facilities to technological advancement; applies new equipment development to telephone communications networks servicing many organizational units which have a variety of equipment. Develops reports recommending equipment acquisition based on efficiency and cost factors. Monitors performance characteristics of hardware and software associated with modifying or installing a telephone network. Analyzes test plans and results, advising on the efficiency and effectiveness of the new hardware/software in meeting predetermined requirements. Based on findings, recommends augmentation, modifying network configurations or modifying facility procedures. Conducts site surveys to determine required equipment and develop required wiring diagrams. Prepares site-specific statement of work and identify equipment. Prepares cable plant plans, switch requirements, and necessary supporting documentation using automatic computer design software.

Minimum Experience: Three years of related work experience

Education: High school diploma or equivalent

114. Training Consultant

Functional Responsibility:

Support and assist in identifying, developing, and enacting training plans for personnel, consistent with organization initiatives and strategic plans. Responsible for the drafting and maintenance of all necessary and appropriate policies, procedures, practices and documentation to effectively and efficiently achieve the objectives of the training program; and selecting and/or creating materials and appropriate delivery methods for programs on a variety of topics. Formulates statements of training based on needs assessment, and devises procedures for solutions using proven training techniques; and evaluates and introduces new trends in training and development. Presents training and development programs and prepares resource materials. Implements the curriculum, develops training evaluation methods, prepares student and instructor materials, and conducts training sessions. Recommends technical training paths for technical personnel. Responsible for maintenance of the training records of all students taking courses.

Minimum Experience: Eight years experience, of which at least two years must be specialized. Specialized experience includes experience in developing and providing technical and end-user training on computer hardware and application software. General experience includes information systems development, training, or related fields. Demonstrated ability to communicate orally and in writing.

Education: Masters Degree or equivalent

115. Training Manager

Functional Responsibility:

Manages all training activities and personnel and has primary responsibility for teaching and complying with all applicable regulations and procedures. Provides training on standard COTS and proprietary software, incorporating adult learning methodologies in classroom teaching. To transition users to new systems, develops materials, workbooks, and quick-reference guides. Provides assistance to client staff electronically, by phone, and in person. Researches new technologies which can be incorporated into classroom presentations. Updates proprietary client software to incorporate required enhancements.

Minimum Experience: Six years training experience, with supervisory and project management experience. Must have experience working with and incorporating adult learning methodologies in training.

Education: Bachelor's degree or equivalent

116. Training Specialist I

Functional Responsibility:

Provides administrative support to the training staff. Assists staff with transition course selection, enrolls participants, and notifies them of their acceptance and class specifics. Enters course completion information into databases. Prepares periodic reports on participant course completion information. Collects and summarizes course evaluations and develops statistics. Types correspondence and other materials, sets up and maintains filing systems, provides graphics and publishing expertise and assistance, and formats quick-reference guides for inclusion in transition materials. Assists in making travel arrangement as necessary.

Minimum Experience: One year of administrative experience. Must have good administrative, organizational, graphics and publishing skills, and be able to work independently and handle multiple tasks.

Education: High School diploma or equivalent

117. Training Specialist II

Functional Responsibility:

Conducts the research necessary to develop and revise training courses; develops and revises these courses and prepares appropriate training catalogs; prepares instructor materials (course outline, background material, and training aids); prepares student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms); and trains personnel by conducting formal classroom courses, workshops and seminars.

Minimum Experience: Two years experience, of which at least two years must be specialized. Specialized experience includes analyzing complex subject matter and technical specifications and translating them into well written, comprehensive interactive Windows-based software application training manuals, training exercises, and teaching aids. General experience includes information systems development training or related fields. Demonstrated ability to efficiently coordinate, develop, and conduct training programs; work in a cross-functional, multi-divisional team environment that may include working with other Contractors; experience with standard office software packages.

Education: Bachelor's Degree or equivalent

118. Training Specialist III

Functional Responsibility:

Provides planning to transition users to new standard or proprietary software, incorporating adult learning methodologies in classroom teaching. Develops transition materials, workbooks, and quick-reference guides. Provides assistance to client staff electronically, by phone, and in person. Researches new technologies which can



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be incorporated into classroom presentations. Updates proprietary client software to incorporate required enhancements.

Minimum Experience: Three years experience. Must have knowledge of methods to transition to new programs and the ability to teach the use of basic COTS or proprietary software. Must have the ability to develop materials for transition support and training.

Education: Bachelor's Degree or equivalent

119. Training Specialist V

Functional Responsibility:

Identifies, develops, implements, and conducts training and instruction of technical-based subject matter related to computer hardware/software, communications, local and wide area networking, Internet, video, imaging, business processes, Government regulations, procurement/acquisition, strategic planning, etc., as required for a particular situation.

Minimum Experience: Four years of training/functional experience. With a Master's Degree, two years of training experience is acceptable.

Education: Bachelor's Degree or equivalent experience

FCBS IT PROFESSIONAL SERVICES

FCBS has expanded its labor categories for the GSA Schedule in order to more effectively meet the growing needs of our customers. In addition, we have also grouped these labor categories into functional Labor Specialty Groups.

The labor specialty groupings consist of the following:

Labor Specialty Group	Total Number of Labor Categories under each Grouping
Administration	14
Communications	10
Computer Operations	4
Engineering	4
Hardware	4
Help Desk	6
Installation	3
Logistics	5
Management Services	5
Network Administration	12
Records Management	8
Security	4
Software	28
Telecommunications	5
Training	7
TOTAL	119



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FCBS IT PROFESSIONAL SERVICES PRICE LIST

- Rates effective 21 January 2006
- Rates include Industrial Funding Fee (0.75%)
- Hourly rates for each labor category are available for both Customer (off-site) and FCBS (on-site) locations.

ADMINISTRATION

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
1 A	Reports Manager	\$ 89.65	\$ 98.65
1 B	Administrative Support Specialist	\$ 32.04	\$ 35.26
1 C	Program Control Specialist	\$ 25.15	\$ 27.68
1 D	Desktop Publishing Specialist	\$ 49.67	\$ 54.65
1 E	Graphics Specialist	\$ 69.47	\$ 76.42
1 F	Documentation Specialist II	\$ 34.48	\$ 37.93
1 G	Documentation Specialist I	\$ 27.62	\$ 30.40
1 H	Technical Writer III	\$ 65.74	\$ 72.34
1 I	Technical Writer II	\$ 46.64	\$ 51.29
1 J	Technical Writer I	\$ 35.66	\$ 39.24
1 K	Lead Switchboard Operator	\$ 20.04	\$ 22.06
1 L	Switchboard Operator	\$ 18.79	\$ 20.67
1 M	Receptionist	\$ 16.72	\$ 18.38
1 N	Accounting Clerk	\$ 17.60	\$ 19.35

COMMUNICATIONS

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
2 A	Communications Engineer III	\$ 81.58	\$ 89.77
2 B	Communications Engineer II	\$ 69.91	\$ 76.81
2 C	Communications Engineer I	\$ 42.55	\$ 46.81
2 D	Communications Specialist II	\$ 59.34	\$ 65.28
2 E	Communications Specialist I	\$ 30.32	\$ 33.36
2 F	Communications Technician V	\$ 79.27	\$ 87.21
2 G	Communications Technician IV	\$ 54.12	\$ 59.55
2 H	Communications Technician III	\$ 40.92	\$ 45.02
2 I	Communications Technician II	\$ 30.05	\$ 33.06
2 J	Communications Technician I	\$ 25.11	\$ 27.63

COMPUTER OPERATIONS

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
3 A	Computer Operator III	\$ 45.59	\$ 50.16
3 B	Computer Operator II	\$ 39.04	\$ 42.95
3 C	Computer Operator I	\$ 32.86	\$ 36.15
3 D	PC Technician	\$ 34.00	\$ 37.42

ENGINEERING

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
4 A	Engineering IV	\$ 82.85	\$ 91.15
4 B	Engineering III	\$ 79.17	\$ 87.11
4 C	Engineering III	\$ 58.65	\$ 64.52
4 D	Engineering I	\$ 45.71	\$ 50.28

HARDWARE

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
5 A	Computer Hardware/Software Technician II	\$ 40.87	\$ 44.97
5 B	Computer Hardware/Software Technician I	\$ 23.47	\$ 25.82
5 C	Computer Maintenance Field Engineer II	\$ 91.26	\$ 100.40
5 D	Computer Maintenance Field Engineer I	\$ 68.37	\$ 75.22

HELP DESK

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
6 A	Help Desk Analyst II	\$ 47.19	\$ 51.92
6 B	Help Desk Analyst I	\$ 32.89	\$ 36.18
6 C	Help Desk Specialist IV	\$ 81.97	\$ 90.18
6 D	Help Desk Specialist III	\$ 63.60	\$ 69.97
6 E	Help Desk Specialist III	\$ 50.51	\$ 55.57
6 F	Help Desk Specialist I	\$ 28.76	\$ 31.65

INSTALLATION

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
7 A	Installer III	\$ 60.37	\$ 66.43
7 B	Installer II	\$ 43.25	\$ 47.58
7 C	Installer I	\$ 28.98	\$ 31.89

LOGISTICS

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
8 A	Logistics Analyst	\$ 34.73	\$ 38.20
8 B	Logistics Coordinator	\$ 25.00	\$ 27.50
8 C	Life Cycle Management Specialist	\$ 88.32	\$ 97.17
8 D	Field Survey Support Technician	\$ 80.02	\$ 88.04
8 E	Facilities Engineer/Manager	\$ 34.07	\$ 37.48



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MANAGEMENT

FCBS ID		GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
9	A	Operations Manager	\$ 100.97	\$ 111.10
9	B	Program Manager	\$ 102.55	\$ 112.83
9	C	Project Manager	\$ 94.30	\$ 103.74
9	D	Task Manager	\$ 61.86	\$ 68.07
9	E	Task Lead	\$ 54.53	\$ 59.99

NETWORK ADMINISTRATION

FCBS ID		GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
10	A	Network Engineer IV	\$ 89.01	\$ 97.92
10	B	Network Engineer III	\$ 72.28	\$ 79.52
10	C	Network Engineer II	\$ 58.52	\$ 64.37
10	D	Network Engineer I	\$ 48.92	\$ 53.84
10	E	Network Planning Analyst	\$ 89.65	\$ 98.65
10	F	Network Specialist II	\$ 39.78	\$ 43.76
10	G	Network Specialist I	\$ 34.64	\$ 38.11
10	H	Network Technician	\$ 35.27	\$ 38.80
10	I	Network Administrator IV	\$ 72.44	\$ 79.70
10	J	Network Administrator III	\$ 68.89	\$ 75.79
10	K	Network Administrator II	\$ 44.42	\$ 48.87
10	L	Network Administrator I	\$ 34.76	\$ 38.24

RECORDS MANAGEMENT

FCBS ID		GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
11	A	Data Analyst V	\$ 51.38	\$ 56.52
11	B	Data Analyst IV	\$ 44.88	\$ 49.39
11	C	Data Analyst III	\$ 39.93	\$ 43.95
11	D	Data Analyst II	\$ 35.70	\$ 39.28
11	E	Data Analyst I	\$ 21.09	\$ 23.23
11	F	Records Supervisor	\$ 31.62	\$ 34.79
11	G	Records Assistant	\$ 20.80	\$ 22.87
11	H	Scan Operator	\$ 23.62	\$ 25.99

SECURITY

FCBS ID		GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
12	A	Security Consultant II	\$ 146.20	\$ 160.85
12	B	Security Consultant I	\$ 123.38	\$ 135.76
12	C	Security Analyst I	\$ 49.27	\$ 54.20
12	D	Security Analyst II	\$ 68.26	\$ 75.10

SOFTWARE

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
13 A	Senior Subject Matter Specialist	\$ 96.83	\$ 106.54
13 B	Subject Matter Specialist	\$ 83.65	\$ 92.02
13 C	Functional Expert	\$ 106.20	\$ 116.85
13 D	Business Systems Analyst	\$ 77.68	\$ 85.45
13 E	Business Process Engineer	\$ 59.42	\$ 65.37
13 F	Enterprise Consultant	\$ 249.86	\$ 274.88
13 G	Senior Computer Scientist	\$ 71.98	\$ 79.20
13 H	Systems Architect	\$ 94.03	\$ 103.44
13 I	Systems Analyst IV	\$ 119.64	\$ 131.63
13 J	Systems Analyst III	\$ 81.54	\$ 89.71
13 K	Systems Analyst III	\$ 68.48	\$ 75.35
13 L	Systems Analyst I	\$ 46.41	\$ 51.06
13 M	Systems Administrator	\$ 82.39	\$ 90.63
13 N	Systems Engineer II	\$ 99.22	\$ 109.16
13 O	Systems Engineer I	\$ 90.56	\$ 99.65
13 P	Senior Data Engineer	\$ 84.05	\$ 92.49
13 Q	Data Architect	\$ 101.25	\$ 111.40
13 R	Database Administrator	\$ 71.26	\$ 78.40
13 S	Information Services Consultant	\$ 207.83	\$ 228.65
13 T	Internet Web Master	\$ 73.51	\$ 80.87
13 U	Internet Technician	\$ 49.65	\$ 54.62
13 V	Programmer/Analyst IV	\$ 106.43	\$ 117.09
13 W	Programmer/Analyst III	\$ 95.32	\$ 104.87
13 X	Programmer/Analyst II	\$ 78.58	\$ 86.44
13 Y	Programmer/Analyst I	\$ 56.19	\$ 61.82
13 Z	Programmer	\$ 44.53	\$ 48.99
13 AA	Associate Programmer	\$ 32.37	\$ 35.62
13 AB	Configuration/Management Specialist	\$ 68.64	\$ 75.53

TELECOMMUNICATIONS

FCBS ID	GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
14 A	Operations Engineer	\$ 84.46	\$ 92.93
14 B	Telecommunications Engineer	\$ 64.72	\$ 71.20
14 C	Senior Telecommunications Specialist	\$ 69.68	\$ 76.65
14 D	Telecommunications Specialist	\$ 30.78	\$ 33.85
14 E	Operations Specialist	\$ 76.97	\$ 84.67



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TRAINING

FCBS ID		GSA Labor Category	Customer Site (off-site)	FCBS Site (on-site)
15	A	Training Consultant	\$ 119.54	\$ 131.54
15	B	Training Manager	\$ 102.67	\$ 112.96
15	C	Field Training Manager	\$ 75.68	\$ 83.27
15	D	Training Specialist V	\$ 98.93	\$ 108.83
15	E	Training Specialist III	\$ 79.51	\$ 87.48
15	F	Training Specialist II	\$ 68.35	\$ 75.20
15	G	Training Specialist I	\$ 34.85	\$ 38.34

FCBS MAINTENANCE SERVICES PRICE LIST**FCBS GSA MAINTENANCE SERVICES PRICE SHEET
(PER MONTH)**

ITEM NO.	DESCRIPTION	GSA PRICE
100-0001	3455/1 MP NTAS	\$ 272.54
100-0002	3455/1 MP (PENTIUM 66MHZ)	\$ 272.54
100-0003	3455/1 ENHANCED PENTIUM NTAS	\$ 272.54
100-0004	3455/1 (1 PENTIUM CPU)	\$ 272.54
100-0005	3455/2 NTAS (2X PENTIUM 66MHZ)	\$ 360.16
100-0006	3455/2 ENHANCED PENTIUM NTAS	\$ 360.16
100-0007	3455/2 - ENHANCED PENTIUM	\$ 360.16
100-0008	3455/2 XP NTAS	\$ 362.38
100-0009	3455/4 NTAS (4X PENTIUM 66MHZ)	\$ 623.88
100-0010	DYADIC PROCESSOR MODULE	\$ 155.52
100-0011	MONIADIC, 66 MHZ PROCESSOR BD	\$ 145.43
100-0012	3455/4 - XP	\$ 588.67
100-0013	AT&T 3455 PENTIUM PROCESSOR UP	\$ 274.40
100-0014	AT&T 3455 AT&T 2.1 GB INT DISK	\$ 36.21
100-0015	AT&T 3455 - AT&T INT CD-ROM DR	\$ 9.17
100-0016	AT&T 3455 525MB 1/4"STR SCSI	\$ 13.25
100-0017	3455/1 TO 3455/2	\$ 89.62
100-0018	3555/2 (2 PENTIUM CPUs)	\$ 802.92
100-0019	3555/2 - ENHANCED PENTIUM	\$ 802.92
100-0020	3555/4 (4 PENTIUM CPUs)	\$ 1106.86
100-0021	3555/4 - ENHANCED PENTIUM	\$ 1106.86
100-0022	NCR 3555/4 - XP	\$ 1124.10
100-0023	3555/4 ENHANCED PENTIUM NTAS	\$ 1106.86
100-0024	NCR 3555/4 - XP - 90MHZ	\$ 1124.10
100-0025	DYD PENTIUM CPU W/256K CACHE	\$ 276.47
100-0026	ADDL PENTIUM DYDIC PROCESSOR	\$ 321.97
100-0027	NCR 3555 PENTIUM PROCESSOR UP	\$ 276.47
100-0028	FULLY POP.-QUAD PROC-32MB LARC	\$ 412.87
100-0029	CONTR-INT DSK ARRAY	\$ 8.83
100-0030	CONTR-REDUNDANT ARRAY	\$ 8.83
100-0031	NCR 3555 - AT&T 2.1 GB INTO DIS	\$ 35.71
100-0032	10GB 3.5 DISK RANK 5400 RPM	\$ 182.95
100-0033	1GB QIC TAPE DRIVE	\$ 5.19
100-0034	ENHANCED POWER SUPPLY	\$ 1.70
100-0035	AT&T 16 PORT SERIAL CONTROLLER	\$ 6.99
100-0036	511M UNINODE 166MHZ	\$ 2140.56
100-0037	5100M DUALNODE 166MHZ	\$ 2398.54
100-0038	5100M UNINODE P 166MHZ bundle	\$ 2392.44
100-0039	5100M DUALNODE P 166MHZ bundle	\$ 4534.76
100-0040	5100M UNINODE PP200 MHZ bundle	\$ 2566.35
100-0041	5100M UNINODE PP200 MHZ bundle	\$ 4793.09
100-0042	ADAPTER NETWORK SERVER HOST	\$ 13.23
100-0043	2GB 7200 RPM WIDE SCSI DISK DR	\$ 17.93
100-0044	1 GB QIC TAPE	\$ 5.70
100-0045	MONITOR, 21" VGA COLOR	\$ 36.68



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ITEM NO.	DESCRIPTION	GSA PRICE
100-0046	5100S / 4 QUAD P166,256MB, 12GB	\$ 1063.11
100-0047	5100S / 8 QUAD P166,512MB, 12GB	\$ 1214.19
100-0048	5100S / 4 QUAD P200,256MB, 12GB	\$ 1063.11
100-0049	5100S / 8 QUAD P200,512MB, 12GB	\$ 1214.19
100-0050	BYNET 16 NODE FABRIC BOARD	\$ 351.23
100-0051	BYNET 128 fabric Board (Factory Installed)	\$ 1939.98
100-0052	ADAPTER, ETHERNET BNC / AUI	\$ 2.37
100-0053	ADAPTER, QUAD ETHERNET TP	\$ 19.49
100-0054	16-PORT RS-232/422 TTY ADAPTER	\$ 6.89
100-0055	IBM CHANNEL CONNECTION (TERADAT)	\$ 65.19
100-0056	WAN ADAPTER, 4 PORT RS232	\$ 9.56
100-0057	WAN ADAPTER, 4 PORT V.35	\$ 10.32
100-0058	DAT 4/8GB DDS-2	\$ 18.54
100-0059	20/40 GB 8MM TAPE DRIVE	\$ 24.84
100-0060	CD-ROM 4X SPEED	\$ 4.00
100-0061	BATTERY BACKUP-UPGRADE	\$ 10.11
100-0062	POWER SHELF - 4X750W	\$ 13.14
100-0063	POWER SUPPLY - BULK AC/DC 750W	\$ 13.14
100-0064	QUAD SCSI ADPT - SHARED DF (Adapter Only)	\$ 8.99
100-0065	DISK: 1.05 GB CR UNIT	\$ 39.42
100-0066	DISK: 2.10 GB CR UNIT	\$ 68.65
100-0097	RACK MOUNT, SUBSYSTEM (Staged, 4300 Rack)	\$ 132.71
100-0068	UNIX MP-RAS Conf.	\$ 58.91
100-0069	WINDOWS NT Conf.	\$ 6.52
100-0070	S4 Cont w 32MB Cache, 64 Cache, 128 Cache	\$ 124.61
100-0071	Rackmount Cab 56" tall w 2 bay	\$ 261.61
100-0072	512 MB Cache Upgrade (for 256 MB)	\$ 599.53
100-0073	1024MB Cache Upgrade (for 256 MB)	\$ 1201.24
100-0074	2-8.7GB disks, Disk Upgrade (6272-50xx Model)	\$ 58.46
100-0075	4-8.7GB disks, Disk Upgrade (6272-50xx Model)	\$ 115.44
100-0076	Open System Director	\$ 49.09
100-0077	Remote Link Director	\$ 40.08
100-0078	1 DR x 10 SLOT DLT 2000 XT RTL - RACK MOUNT	\$ 186.86
100-0079	StarLAN HUB	\$ 5.84
100-0080	PYRAMID PERIPHERAL BAY MDL 2	\$ 4.52
100-0081	PYRAMID I/O EXPBAY MDL 2	\$ 83.46
100-0082	PYRAMID MDL 3 IOX BAY	\$ 47.13
100-0083	PYRAMID MOD, 6029-8,8X2.14GB HAAS	\$ 155.07
100-0084	PYRAMID TYPE1 SHUT DEV 10.0KVA	\$ 230.45
100-0085	PYRAMID TYPE1 SHUT DEV 3.0KVA	\$ 114.31
100-0086	PYRAMID TYPE2 SHUT DEV 10.0KVA	\$ 234.08
100-0087	PYRAMID TYPE2 SHUT DEV 3.0KVA	\$ 117.93
100-0088	PYRAMID MIS-2S/1 32 MB BASE SYSTEM	\$ 330.19
100-0089	PYRAMID MIS-IS/1 128 MB PKG SYSTEM	\$ 276.31
100-0090	PYRAMID MIS-4S/1 32 MB BASE SYSTEM	\$ 381.02
100-0091	PYRAMID MIS-4S/1 128 MB BASE SYSTEM	\$ 442.52
100-0092	PYRAMID MUS MIS-2S/XVI PKG CONFIG	\$ 471.27
100-0093	PYRAMID MDL 3, MIS-4ES/2, 32MB BASE SYSTEM	\$ 340.94
100-0094	PYRAMID MDL 3, MIS-4ES/2, W/128MB	\$ 478.65
100-0095	PYRAMID PACKAGE MIS4ES, SCSI-2	\$ 726.91

ITEM NO.	DESCRIPTION	GSA PRICE
100-0096	PYRAMID 1 GB HARD DRIVE	\$ 31.74
100-0097	PYRAMID 16 LINE ITP MDL2	\$ 56.23
100-0098	PYRAMID 32 MB MEMORY	\$ 68.06
100-0099	PYRAMID 320 MB QIC TAPE DRIVE	\$ 67.68
100-0100	PYRAMID 600 MB HARD DRIVE	\$ 10.88
100-0101	PYRAMID 8-LINE EXPAN KIT	\$ 52.61
100-0102	PYRAMID 9-TRACK TAPE DRIVE	\$ 59.92
100-0103	PYRAMID SCSI KIT MDL 3	\$ 51.72
100-0104	PYRAMID SXMI KIT	\$ 26.33
100-0105	PYRAMID 128 MB	\$ 238.66
100-01-6	PYRAMID SCSI HOST ADAPTER	\$ 28.05
100-0107	PYRAMID DUAL ETHERNET CARD	\$ 13.17
100-0108	PYRAMID 25 MIPS CPU	\$ 263.09
100-0109	PYRAMID CPU, 4156, DUAL 64 MIPS	\$ 233.38
100-0110	PYRAMID 2GB 3.5" HARD DISK DRIVE	\$ 4.96
100-0111	PYRAMID NS SCSI-2 CONTROLLER, DIFF/DIFF	\$ 35.50
100-0112	PYRAMID DISK, 6029-FRU,2.14GB	\$ 21.51
100-0113	PYRAMID NILE DEN DUAL E/NET CNTL	\$ 36.25
100-0114	U-36 tape Drive, Model #0874-00	\$ 674.80
100-0115	Uniservo 3x Control, Model #5042-00	\$ 603.48
100-0116	Dual Channel, Model #F2135	\$ 60.35
100-0117	16 Drive Addressing, Model #F2137-00	\$ 5.49
100-0118	9 Track translation, Model F2582-00	\$ 20.85
100-0119	9 Track translation, Model F2582-01	\$ 20.85
100-0120	Printer & Control, Model #0770-06	\$ 776.84
100-0121	Terminal Multiplexer, Model #8538-99	\$ 5.49
100-0122	Printer:2000 LPM BMUX, Model #9246-25B	\$ 1123.29
100-0123	Expanded Char Set, Model #F1534	\$ 5.77
100-0124	Printer, Model 5, Model #0449-00	\$ 5.49
100-0125	Model 20 PC, Model #3070-97	\$ 29.19
100-0126	Unisys Dot Matrix Printers. Model WDM1 - PKG	\$ 2.18
100-0127	Unisys Dot Matrix Printers. Model AP 1339	\$ 2.41
100-0128	Unisys Laser Printers, Model NIP2-PKG	\$ 8.31
100-0129	Unisys Laser Printers, Model AP9210-PKG	\$ 8.31
100-0130	Alps Dot Matrix Printers Model AL2000	\$ 2.81
100-0131	Alps Dot Matrix Printers Model PL2000	\$ 2.81
100-0132	Alps Color Dot Matrix Printers Model ALQ324GX	\$ 7.81
100-0133	Texas Instruments Laser Printers Model Microlaser	\$ 6.11
100-0134	Texas Instruments Laser Printers Model PRO 300	\$ 7.82
100-0135	Texas Instruments Laser Printers Model PRO 600	\$ 11.73
100-0136	Epson Dot Matrix Printers Model LQ570+	\$ 2.49
100-0137	Epson Dot Matrix Printers Model LQ1070	\$ 3.35
100-0138	Fujitsu Dot Matrix Printers Model DL1200/M3377D	\$ 3.35
100-0139	Dataproducts Dot Matrix Printers Model 9044-2	\$ 6.69
100-0140	IBM Lexmark Laser Printers Model 4019-001	\$ 12.12
100-0141	Citoh Laser Printers Model C1-8E	\$ 12.12
100-0142	Okidata Dot Matrix Printers Model Microline 590	\$ 5.22
100-0143	Intermec Thermal Barcode Printer Model 864680012	\$ 33.04
100-0144	Lowery Barcode Printer Model 4140	\$ 20.33
100-0145	Zebra Barcode Printer Model Z130	\$ 85.77
100-0146	Cannon Color Inkjet Printer Model BJC4550	\$ 3.91



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ITEM NO.	DESCRIPTION	GSA PRICE
100-0147	QMS Magicolor LX Laser Model HLC5250137-100	\$ 40.72
100-0148	Genicom Dot Matrix	\$ 6.69
100-0149	Compaq Deskpro	\$ 17.60
100-0150	Vermont Micro System	\$ 14.66
100-0151	Xerox Scanner	\$ 56.95
100-0152	ZWX-248-62 with 486 upgrade (Zenith CPU)	\$ 7.18
100-0153	IR-445/IRW-445X (Irwin Tape Backup)	\$ 1.45
100-0154	IR445A/A120-E w/IR-4251/4100 card (Irwin Tape Backup)	\$ 1.45
100-0155	QX/4232HS (Microcom Modem)	\$ 2.14
100-0156	Epson LQ 1050 (Epson Dot Matrix Printer)	\$ 5.33
100-0157	HP LaserJet II/III/IV (HP Laser Printer)	\$ 13.72
100-0158	PC1 3206 1-F (Unisys CPU)	\$ 11.77
100-0159	PC1 3256 1-F (Unisys CPU)	\$ 11.77
100-0160	PC1 3258 1-F (Unisys CPU)	\$ 11.77
100-0161	VGA 200COL (Unisys Monitor)	\$ 3.80
100-0162	ESC 2-TBU (Unisys Tape Backup)	\$ 3.12
100-0163	WDM 1-PTR (Unisys Dot Matrix Printer)	\$ 6.29
100-0164	AP 1339 & AP 1337 (Unisys Dot Matrix Printer)	\$ 6.29
100-0165	NDM 1-PTR (Unisys Dot Matrix Printer)	\$ 4.69
100-0166	LQP 1-PTR (Unisys Dot Matrix Printer)	\$ 6.29
100-0167	NIP 2-PTR (Unisys Laser Printer)	\$ 14.11
100-0168	MDM 9600 (Unisys Modem)	\$ 2.64
100-0169	ELC 1-BU (Unisys Tape Backup)	\$ 8.85
100-0170	RHD 4-FXD (Unisys Hard Drive)	\$ 10.02
100-0171	SD 1-CDR (Unisys CD-ROM)	\$ 4.54
100-0172	PG 1-SNR with SF 1-SNR (Unisys Scanner)	\$ 11.77
100-0173	EVO-3000DR (Everex CPU)	\$ 7.03
100-0174	EX-3000D (Everex CPU)	\$ 7.03
100-0175	ASL-325DX (ASL CPU)	\$ 7.03
100-0176	CVG-5432/CVP-5468 (CTX Monitor)	\$ 2.14
100-0177	CM-1402E (Intra Monitor)	\$ 2.14
100-0178	DL 1200 (Fujitsu Dot Matrix Printer)	\$ 2.73
100-0179	DP-9044 (Dataproducts Dot Matrix Printer)	\$ 4.42
100-0180	ZCM/ZVM 1380/1390/1392 (Zenith Monitor)	\$ 2.14
100-0181	SM2 (IBM CPU)	\$ 13.47
100-0182	IBM 8518 (IBM Monitor)	\$ 3.59
100-0183	VDC 1-VGA (Unisys Monitor)	\$ 3.59
100-0184	VDC 2-VGA (Unisys Monitor)	\$ 3.59
100-0185	VDC 2-QSA (Unisys Monitor)	\$ 4.74
100-0186	ZCM-1407 (Zenith Monitor)	\$ 4.15
100-0187	ZMS -4298QF (Zenith Monitor)	\$ 13.17
100-0188	CTT800E-P (Conner Tape Backup)	\$ 3.49
100-0189	DSKPT 28.8 (Microcomm Modem)	\$ 2.49
100-0190	HP 1200C (HP Printer)	\$ 10.02
100-0191	ZBS-4298QF (Zenith CPU)	\$ 12.97
100-0192	S590HI/HDC (EDS Micronics CPU)	\$ 13.77
100-0193	LM-1448 (Microscan Monitor)	\$ 3.84
100-0194	S5100HI/HDC (EDS Micronics CPU)	\$ 13.77
100-0195	HP 1600C DeskJet Printer	\$ 12.42
100-0196	HPLJ5P (HP Laser Printer)	\$ 8.93

ITEM NO.	DESCRIPTION	GSA PRICE
100-0197	HP LJ5SI (HP Laser Printer)	\$ 18.42
100-0198	08-01349 (Hayes Optima 28.8 External Modem)	\$ 4.54
100-0199	CRD-3460A (NEC CD-ROM)	\$ 3.44
100-0200	MDBPENT133PIB (Gateway CPU)	\$ 14.68
100-0201	MONO015006ACWW (Vivtron 15" Monitor)	\$ 4.15
100-0202	Mono015006ACWW (Vivtron 17" Monitor)	\$ 4.15
100-0203	2000 LPM Printer	\$ 466.63
100-0204	Channel Transfer Switch	\$ 85.65
100-0205	2 By Switch Expansion	\$ 46.87
100-0206	Primary Module 2 by Mod	\$ 46.87
100-0207	Secondary 2 By Mod E	\$ 46.87
100-0208	4 X Expansion	\$ 15.37
100-0209	Host Byte Channel L/M	\$ 26.33
100-0210	Storage Expansion 512K	\$ 120.84
100-0211	High Speed Loadable	\$ 27.10
100-0212	Storage Controller	\$ 150.92
100-0213	Mass Storage	\$ 25.67
100-0214	Exos 1100-2 Transceiver	\$ 1.44
100-0215	Synch Module RS-232C	\$ 3.64
100-0216	Medium Speed Loadable	\$ 7.32
100-0217	SVT-1120	\$ 7.32
100-0218	Storage Exp Cont 4-6	\$ 110.60
100-0219	Storage Exp 6-8 MB	\$ 134.78
100-0220	DCP/50 Bottom I/O Mod	\$ 33.70
100-0221	DCP/50 Middle I/O Mod	\$ 19.77
100-0222	Basic 2 Cab DCP/50	\$ 51.28
100-0223	Third DCP/50 Cabinet	\$ 51.28
100-0224	Fourth DCP/50 Cabinet	\$ 38.06
100-0225	Ethernet Line Module	\$ 8.76
100-0226	Host Byte Channel L/M	\$ 26.38
100-0227	Host Block Mux L/M	\$ 21.97
100-0228	DCP/50 MSL L/M RS232	\$ 3.64
100-0229	Multiline Sync/Async	\$ 2.92
100-0230	Auxiliary Console	\$ 43.23
100-0231	2200/822 ES 2X2X2 16M	\$ 5677.26
100-0232	Disk Subsystem Adapt	\$ 145.79
100-0233	Block Mux/FIPS 60	\$ 93.74
100-0234	Word Channel Module	\$ 98.87
100-0235	Flexible Partition F	\$ 923.01
100-0236	2200/400 Sys 8MW 3x1	\$ 608.01
100-0237	Block Mux Channel	\$ 16.09
100-0238	Block Mux Mod	\$ 1.44
100-0239	2200/400 I/O	\$ 8.04
100-0240	Proc: I/O (IOP) BMC	\$ 8.04
100-0242	MEM: Stor Unit	\$ 73.26
100-0243	PC Model 22400-CON	\$ 43.95
100-0244	Printer-AP1339	\$ 7.32
100-0245	Instruction Proc	\$ 81.29
100-0246	2200/400 1x2	\$ 494.45
100-0247	Stor Unit	\$ 73.26
100-0248	BMC Chan Mod	\$ 1.44



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ITEM NO.	DESCRIPTION	GSA PRICE
100-0249	Auto Dialing Line Mod	\$ 148.71
100-0250	Second IOP Expansion	\$ 83.50
100-0251	DCP-40 Expansion Cabinet	\$ 148.71
100-0252	Disk Subsystem 14MB	\$ 89.34
100-0253	DCP 40	\$ 432.21
100-0254	Active Line Indicator	\$ 3.64
100-0255	Operator Station	\$ 21.97
100-0256	Fourth IOP Expansion	\$ 59.32
100-0257	Third IOP Expansion	\$ 78.38
100-0258	IOP Controller Module	\$ 79.82
100-0259	Integrated Flexible	\$ 10.96
100-0260	Asynch Module RS-232	\$ 2.92
100-0261	1100Ser ISI I/F	\$ 26.33
100-0262	Bye I/F Line Ctrl	\$ 9.53
100-0263	1100/90 ISI I/F (FDX)	\$ 21.97
100-0264	Dataproducts BP2000 Printer	\$ 710.93
100-0265	Printronix P4160 Printer	\$ 159.60
100-0266	Printronix P6280 Printer	\$ 292.26
100-0267	Caere 421 Scanning Wand	\$ 7.78
100-0268	Caere 225 Interface	\$ 7.78
100-0269	1070 Controller card Model CC 13000	\$ 7.78
100-0270	1048 Controller card Model CC 13000	\$ 48.63
100-0271	Memorex Telex TC299 Coax Mux	\$ 48.63
100-0272	McData 7100-10R Controller	\$ 5.84
100-0273	McData 7100-20R Controller	\$ 40.85
100-0274	AT&T -NCR Comten Model 5630 FEP	\$ 45.71
100-0275	Dell Optiplex 425 S/I	\$ 2336.10
100-0276	4124 Controller	\$ 8.76
100-0277	Datasouth Documax 3302 Printer	\$ 33.07
100-0278	PC Console 6202 w/Comten 5630	\$ 29.18
100-0279	HP LaserJet 4	\$ 12.65
100-0280	Caere 1021 & 421 Scanner	\$ 7.78
100-0281	Epson LQ 1170, 570, 1070+, 1000 & FX1170	\$ 5.84
100-0282	HP LaserJet II, III & 5	\$ 12.65
100-0283	KDS Visual Sensations Monitor	\$ 2.92
100-0284	Zeos Monitor	\$ 3.89
100-0285	Dell Monitor	\$ 3.89
100-0286	Dell Optiplex GXI CPU	\$ 6.81
100-0287	Zeos Ambra CPU	\$ 14.59
100-0288	Codex Motorola 2GB Modem	\$ 16.54
100-0289	Okidata GE5253A Printer	\$ 4.87
100-0290	Standard Register Model 2000	\$ 317.05
100-0291	Standard Register Model 2530 or 2550	\$ 371.51
100-0292	Memorex Model 299 Mux	\$ 7.78
100-0293	Harris H299-02P/4199-2 Mux	\$ 7.78
100-0294	Datasouth Documax CX-3220 Printer	\$ 28.21
100-0295	Printronix P9012 Printer	\$ 329.70
100-0296	Caere Model 721 Scanner	\$ 7.78
100-0297	Caere Model 1021 Scanner	\$ 7.78
100-0298	NCR AT&T LAN Server 3430-1000	\$ 454.18

ITEM NO.	DESCRIPTION	GSA PRICE
100-0299	Digital Carousel 804WW CPU	\$ 25.29
100-0300	Digital Carousel PCXBV Monitor	\$ 4.87
100-0301	Dell 486SX PC Model 425S/I	\$ 8.76
100-0302	Dell VC-10C	\$ 3.89
100-0303	Dell V1142BU	\$ 4.87
100-0304	Dell Omniplex 450 CPU	\$ 10.70
100-0305	Dell Omniplex Ultrascan 15ES Mon.	\$ 4.87
100-0306	Dell Optiplex 466/L CPU	\$ 10.70
100-0307	Dell Optiplex Ultrascan 1428U Mon.	\$ 4.87
100-0308	Dell Optiplex XL 575 CPU	\$ 13.62
100-0309	Dell Optiplex D1526T-HS Monitor	\$ 4.87
100-0310	Dell Optiplex GXI CPU Model DCM	\$ 10.72
100-0311	Nokia 447L058 Monitor	\$ 4.87
100-0312	KDS Vsx-5 Monitor	\$ 4.87
100-0313	IBM 433DX CPU Model 6348-M40	\$ 13.62
100-0314	IBM 8514 Monitor	\$ 4.87
100-0315	HP 650C Plotter C2859E	\$ 54.46
100-0316	Acer V12-9000T Pentium CPU	\$ 13.62
100-0317	Acer 7134T Monitor	\$ 4.87
100-0318	HP LaserJet III 33449A	\$ 12.65
100-0319	HP LaserJet 4 C2001A	\$ 12.65
100-0320	HP LaserJet SP C3150A	\$ 8.76
100-0321	HP DeskJet Plus 2277A	\$ 6.78
100-0322	HP DeskJet 320	\$ 3.89
100-0323	Cut Sheet Feeder C2637A	\$ 3.89
100-0324	HP DeskJet 1200C	\$ 16.54
100-0325	HP Scanjet Iicx 2500A	\$ 10.70
100-0326	HP Scanjet 4C 2520B	\$ 10.70
100-0327	Scanjet 50 Page Doc Feeder C2525E	\$ 5.84
100-0328	Dec Intelipick Workstation	\$ 51.55
100-0329	HP LaserJet 5M	\$ 4.87
100-0330	3299-002 Multiplexer	\$ 19.45
100-0331	Datasouth CX-3220 Printer	\$ 5.84
100-0332	Standard Register Model 2000	\$ 26.26
100-0333	CCI Protocol Converter Ci-0607	\$ 16.54
100-0334	Memorex Telex 1199 Mux	\$ 5.84
100-0335	Toshiba T3100e Notebook	\$ 22.37
100-0336	Toshiba T3100a/40 286 Notebook	\$ 25.29
100-0337	Toshiba T1200xe 286 Notebook	\$ 21.40
100-0338	Toshiba T4500/120 486sx-20 Notebook	\$ 18.48
100-0339	Toshiba T4500 486sx-20 Notebook	\$ 21.40
100-0340	IBM 486 ThinkPad	\$ 18.48
100-0341	Dell P166 CPU Model GXIM166	\$ 11.67
100-0342	Dell 486sx-25 Model 425s/I	\$ 8.76
100-0343	HP LaserJet 4	\$ 12.65
100-0344	HP DeskJet 600C	\$ 4.87
100-0345	Panasonic KX-P1091 Printer	\$ 4.87
100-0346	Panasonic KX-P1124 Printer	\$ 4.87
100-0347	Epson DFX-5000 Printer	\$ 18.48
100-0348	Epson LQ 2500 Printer	\$ 11.67
100-0349	McData 4174/11R Controller	\$ 40.85



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ITEM NO.	DESCRIPTION	GSA PRICE
100-0350	Zeos 486SX-25 Model Ambra	\$ 16.54
100-0351	Unisys 2200/424 Central Equipment Complex	\$ 921.00
100-0352	Amperif 9200 Cache Disk Subsystem	\$ 2593.45
100-0353	CTS5136 36-Track Cartridge Tape Subsystem	\$ 1683.75
100-0354	LAN Controller 2	\$ 124.69
100-0355	Round Tape Drive Model 0884-02	\$ 209.96
100-0356	Square Tape Drive Model 0899-02	\$ 232.40
100-0357	Square Tape Drive with 5073-22	\$ 232.40
100-0358	650 lpm Impact Printer	\$ 346.20
100-0359	Auto Loader Model 0899-ACL	\$ 148.26
100-0360	Word Disk Channel	\$ 12.02
100-0361	Word Disk Modular	\$ 8.01
100-0362	Block Mux Interface	\$ 6.41
100-0363	Block Mux Channel	\$ 1.61
100-0364	Line Mux Channel	\$ 16.03
100-0365	Main Storage Unit	\$ 24.84
100-0366	Word Disk Interface	\$ 7.21
100-0367	Mainframe CPU	\$ 540.93
100-0368	Block Mux Vol. Selection	\$ 8.40
100-0369	System Console & Monitor	\$ 44.88
100-0370	Instruction Processor	\$ 88.95
100-0371	Display: Unix Terminal	\$ 5.62
100-0372	Ethernet PC I/O	\$ 5.62
100-0373	Tektronix XP358 Terminal	\$ 4.01
100-0374	Round Tape	\$ 216.25
100-0375	Square Tape Drive	\$ 239.38
100-0376	Square Tape Drive with 5073-22	\$ 239.38
100-0377	Auto Loader	\$ 37.93
100-0378	650 lpm Impact Printer	\$ 356.58
100-0379	Square Tape Drive	\$ 239.38
100-0380	Auto Loader	\$ 152.69
100-0381	Word Disk Channel	\$ 12.38
100-0382	Word Disk Modular	\$ 8.26
100-0383	Block Mux Interface	\$ 6.60
100-0384	Block Mux Channel	\$ 1.66
100-0385	Block Mux Modular	\$ 1.66
100-0386	Line Mux Channel	\$ 16.51
100-0387	Main Storage Unit	\$ 25.59
100-0388	Word Disk Interface	\$ 7.43
100-0389	Mainframe CPU	\$ 557.16
100-0390	Block Mux Vol. Selection	\$ 8.40
100-0391	System Console & Monitor	\$ 46.22
100-0392	Instruction Processor	\$ 91.62
100-0393	Round Tape Controller	\$ 153.52
100-0394	Square Tape Controller	\$ 861.73
100-0395	Square Tape Controller	\$ 383.81
100-0396	Printer	\$ 12.38
100-0397	Translator	\$ 19.81
100-0398	Single SDT Kit	\$ 25.59
100-0399	Disk Controller	\$ 137.02

ITEM NO.	DESCRIPTION	GSA PRICE
100-0400	Cache Memory Exp	\$ 28.07
100-0401	Disk Expansion	\$ 105.65
100-0402	Disk Drive	\$ 113.07
100-0403	DCP 40 Expansion Cab.	\$ 170.87
100-0404	Round Tape Controller	\$ 153.52
100-0405	DCP 40	\$ 486.99
100-0406	DCP/50 Cabinet	\$ 430.86
100-0407	Printer	\$ 14.86
100-0408	DCP308M	\$ 8.26
100-0409	6MB - 8 MB Upgrade	\$ 151.88
100-0910	CTRL:DCP/30-50 Bottom IO	\$ 37.96
100-0411	I/F Host Block Mux L/M	\$ 11.55
100-0412	I/F Host Block Mux L/M	\$ 11.55
100-0413	I/F Medium Speed RS232	\$ 4.12
100-0414	I/F High Spd V/35 L./	\$ 27.24
100-0415	I/F 4x1 Syn/Async RS232	\$ 3.30
100-0416	I/F: SCSI L/M	\$ 6.60
100-0417	I/O Modular	\$ 33.02
100-0418	802.3 External LAN Ethernet I/F	\$ 9.90
100-0419	Intelligent Line Mod	\$ 10.72
100-0420	LAN Interface Mod	\$ 8.26
100-0421	Single SDT Kit	\$ 25.59
100-0422	Disk Expansion 2.84GB	\$ 29.71
100-0423	Disk Drive	\$ 808.09
100-0424	Square Tape Controller Mod 5073-22	\$ 861.73
100-0425	Channel Expansion	\$ 18.98
100-0426	Square Tape Controller Mod 5073-DA	\$ 383.81
100-0427	STG EXP 4-6 MB	\$ 124.65
100-0428	CTRL:DCP/30-50 Bottom IO	\$ 37.96
100-0429	CTRL:DCP/30-50 Middle IO	\$ 22.29
100-0430	Cabinet: Second DCP/50	\$ 57.77
100-0431	Cabinet: Third DCP/50	\$ 57.77
100-0432	Cabinet: Fourth DCP/50	\$ 42.92
100-0433	I/F Host Block Mux L/M	\$ 11.55
100-0434	I/F Medium Speed RS232	\$ 4.12
100-0435	I/F High Spd V/35 L./	\$ 27.24
100-0436	I/F 4x1 Syn/Async RS232	\$ 3.30
100-0437	I/F: SCSI L/M	\$ 6.60
100-0438	EXOS 1100-1 Transceiver	\$ 1.66
100-0439	802.3 External LAN Ethernet I/F	\$ 9.90
100-0440	Host LAN Controller	\$ 70.99
100-0441	Cache Cabinet	\$ 264.13
100-0442	Master Disk Cabinet	\$ 131.25
100-0443	DCP/50 Cabinet	\$ 39.62
100-0444	DCP25 LG Store EXP	\$ 193.97
100-0445	ES2200/622ES 2x2x2 16MW	\$ 5792.78
100-0446	PW2 Console/SSP Merged (incl.w/ES22622)	\$ 52.83
100-0447	System Support Monitor (incl.w/ES22622)	\$ 149.40
100-0448	Block Mux Channel Mod (incl.w/ES22622)	\$ 118.86
100-0449	Block Mux Channel Mod	\$ 118.86
100-0450	Commercial Block Mux (incl.w/ES22622)	\$ 0.00



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ITEM NO.	DESCRIPTION	GSA PRICE
100-0451	Console Controller(incl.w/ES22622)	\$ 95.75
100-0452	PW2 Console/SSP Merged (incl.w/ES22622)	\$ 52.83
100-0453	Storage Port Expander	\$ 24.76
100-0454	Storage Port Expander 1/0	\$ 16.51
100-0455	IP Perf. Monitor	\$ 11.28
100-0456	Disk Drive	\$ 113.07
100-0457	Disk Expansion	\$ 105.65
100-0458	Cache Controller	\$ 137.02
100-0459	Front End Processor	\$ 530.42
100-0460	Cache Memory Exp	\$ 28.07
100-0461	SPO System U6000/65 Model F50	\$ 108.13
100-0462	PROC 80486/50 MHZ	\$ 28.90
100-0463	Memory Upgrade	\$ 16.51
100-0464	Disk: 525 MB	\$ 14.86
100-0465	Adptr Transceiver	\$ 1.66
100-0466	Hewlett Packard LaserJet 4si	\$ 24.32
100-0467	Hewlett Packard LaserJet 5siMX	\$ 31.75
100-0468	Hewlett Packard LaserJet 4	\$ 13.96
100-0469	Hewlett Packard LaserJet 4 Plus	\$ 14.93
100-0470	Hewlett Packard LaserJet III	\$ 13.62
100-0471	Tektronix Phaser 340 Color Printer Model Z340	\$ 40.51
100-0472	Hewlett Packard N2 5/50i Computer	\$ 8.02
100-0473	Hewlett Packard Ergo Monitor	\$ 2.10
100-0474	Hewlett Packard 14" .39DPI VGA Monitor	\$ 4.16
100-0475	Hewlett Packard LaserJet 4siMX	\$ 29.33
100-0476	Hewlett Packard LaserJet 4M Plus	\$ 16.13
100-0477	Hewlett Packard LaserJet 5N	\$ 15.64
100-0478	Hewlett Packard LaserJet IIID	\$ 16.42
100-0479	Duplex Option for HP LaserJet 4 Plus	\$ 5.48
100-0480	Hewlett Packard DeskJet 600	\$ 2.93
100-0481	Hewlett Packard DeskJet 560C	\$ 4.74
100-0482	Hewlett Packard DeskJet 660C	\$ 4.89
100-0483	Hewlett Packard DeskJet 680C	\$ 5.87
100-0484	Hewlett Packard 855CXI Printer	\$ 4.89
100-0485	Hewlett Packard DeskJet 1600C Color	\$ 13.88
100-0486	Hewlett Packard DeskJet 540	\$ 3.57
100-0487	Hewlett Packard DeskJet 690C	\$ 3.42
100-0488	Acemote 586/100	\$ 17.93
100-0489	Okidata Pacemark	\$ 16.28
100-0490	AN500C 486LC2 Notebook	\$ 16.13
100-0491	Keyboard w/Trackball	\$ 1.23
100-0492	486/DX250/AMD	\$ 8.21
100-0493	BTC Serial Mouse	\$ 1.23
100-0494	Horizon/VL 14" or 15" Color Monitor	\$ 3.52
100-0495	Hewlett Packard Trakker 250	\$ 3.27
100-0496	Panasonic KX-P2135 Printer	\$ 2.44
100-0497	NEC Versa 4050C	\$ 26.05
100-0498	NEC Versa 6000H	\$ 32.55
100-0499	Hewlett Packard N2/4D2/270H Computer	\$ 15.98
100-0500	NEC Versa V50D 486DX2	\$ 16.28

ITEM NO.	DESCRIPTION	GSA PRICE
100-0501	Tektronix Phaser 340P	\$ 22.77
100-0502	Hewlett Packard D3377A	\$ 13.69
100-0503	Hewlett Packard LaserJet IID	\$ 17.11
100-0504	Hewlett Packard LaserJet IIIsi	\$ 35.83
100-0505	IBM Printer w/	\$ 24.94
100-0506	IBM Establishment Controller	\$ 13.23
100-0507	IBM Establishment Controller w/	\$ 13.23
100-0508	IBM Term Multiplexer Adapter	\$ 0.88
100-0509	IBM Infowindow Terminal w/	\$ 8.17
100-0510	IBM Infowindow Terminal	\$ 8.17
100-0511	IBM Infowindow Terminal	\$ 8.17
100-0512	IBM Infowindow Terminal w/	\$ 8.17
100-0513	IBM Tape Unit	\$ 331.73
100-0514	IBM Tape Unit	\$ 331.73
100-0515	IBM Tape Unit	\$ 331.73
100-0516	IBM Tape Unit	\$ 331.73
100-0517	IBM 6250/1600 Density w/	\$ 81.61
100-0518	IBM Tape Control	\$ 176.07
100-0519	IBM Tape Control w/	\$ 173.82
100-0520	IBM Two Control Switch w/	\$ 12.09
100-0521	IBM Tape Unit	\$ 331.73
100-0522	IBM Tape Unit	\$ 331.73
100-0523	IBM Tape Unit	\$ 331.73
100-0524	IBM Tape Unit	\$ 331.73
100-0525	IBM 6250/1600 Density w/	\$ 81.61
100-0526	IBM Cart. Tape 36-Track Control Unit	\$ 192.69
100-0527	IBM Channel Adapter Model A01/A10 w/	\$ 14.35
100-0528	IBM Cart. Tape 36-Track Drive	\$ 476.07
100-0529	IBM Duplex Adv. Function Printer w/Buffer/Flipper/AFIG/D	\$ 1398.04
100-0530	IBM Duplex Adv. Function Printer w/Buffer/Flipper/AFIG/D	\$ 1398.04
100-0531	IBM Advanced Function Post-Processing w/	\$ 36.27
100-0532	IBM Advanced Function Printer	\$ 1171.28
100-0533	IBM Advanced Function Printer w/	\$ 1171.28
100-0534	IBM Decompression Perf Enhancement w/	\$ 36.27
100-0535	IBM Adv Func Post-Processing w/	\$ 36.27
100-0536	IBM 486 DX33 ValuePoint PC w/	\$ 12.31
100-0537	IBM Hayes External 14.4 Modem	\$ 2.27
100-0538	IBM 17" Color Display	\$ 4.15
100-0539	IBM Internal CD-ROM II	\$ 4.00
100-0540	IBM SCSI Adapter Kit	\$ 1.15
100-0541	IBM 3270 Emulation Adapter Local	\$ 3.27
100-0542	IBM ScanJet IIP	\$ 5.49
100-0543	IBM LexMark Printer	\$ 13.52
100-0544	IBM Impact Printer	\$ 784.02
100-0545	IBM Folder	\$ 547.48
100-0546	IBM Folder/Sep	\$ 994.46
100-0547	IBM Cutter/Trimmer/Stacker (500449)	\$ 952.11
100-0548	IBM 2 Up Powered Pedestal (500437)	\$ 91.25
100-0549	IBM Simplex PWR	\$ 23.80
100-0550	IBM Autoload TBL	\$ 47.10
100-0551	IBM Rewinder	\$ 340.05



FC Business Systems

Enterprise IT Solutions and Services

ITEM NO.	DESCRIPTION	GSA PRICE
100-0552	IBM Folder	\$ 547.48
100-0553	IBM Folder/Sep	\$ 994.46
100-0554	IBM Job Offset	\$ 66.62
100-0555	IBM Markless Separation (500941)	\$ 11.20
100-0556	IBM Print Right	\$ 90.99
100-0557	IBM Auto Speed Control (500960)	\$ 30.98
100-0558	IBM Extended Table (501076)	\$ 2.64
100-0559	IBM Short Cut	\$ 22.66
100-0560	IBM Pinless-Unwinder (800019-57)	\$ 31.49
100-0561	IBM Pinless-CTS	\$ 75.06
100-0562	IBM Pinless-REW	\$ 38.85
100-0563	IBM 3 Hole Punch	\$ 240.68
100-0564	IBM Tilt Stacker	\$ 26.44

FCBS Perpetual Software License Price List

ITEM NO.	DESCRIPTION	GSA PRICE
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*Compulink Laserfiche Software Products (200-001 through 200-087)
Effective 11 July 2004 are no longer available*

200 - 087	Integrators Toolkit 1 Pack	\$ 2336.28
200 - 088	FormLink for CarDiff Teleform 1 Pack	\$ 2533.23
200 - 089	DataLink 1 Pack	\$ 1688.83
200 - 090	StressDrum 1 Pack	\$ 914.78

*Percussion Software Products (200-091 through 200-133)
Effective 1 September 2003 are no longer available*

*Compulink Laserfiche Software Products (200-134 through 200-154)
Effective 11 July 2004 are no longer available*

*Imanage Software Products (200-155 through 200-212)
Effective 15 June 2004 are no longer available*

*Percussion Software Products (200-213 through 200-216)
Effective 1 September 2003 are no longer available*

*Compulink Laserfiche Software Products (200-217 through 200-224)
Effective 11 July 2004 are no longer available*



FC Business Systems

Enterprise IT Solutions and Services

FCBS Software Maintenance Price List

ITEM NO.	DESCRIPTION	GSA PRICE
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*Compulink Laserfiche Software Products (300-001 through 300-147)
Effective 11 July 2004 are no longer available*

*Imanage Software Products (300-148 through 300-197)
Effective 15 June 2004 are no longer available*

*Percussion SOFTWARE Products (300-198 through 300-201)
Effective 1 September 2003 are no longer available*

*Compulink Laserfiche Software Products (300-202 through 300-246)
Effective 11 July 2004 are no longer available*